

AD-A060 610

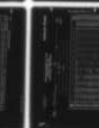
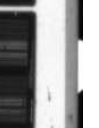
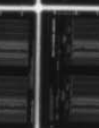
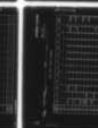
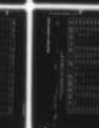
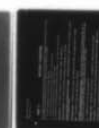
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), DALLAS,--ETC(U)
JUL 78

F/G 4/2

UNCLASSIFIED

NL

1 OF 4
AD
A060610

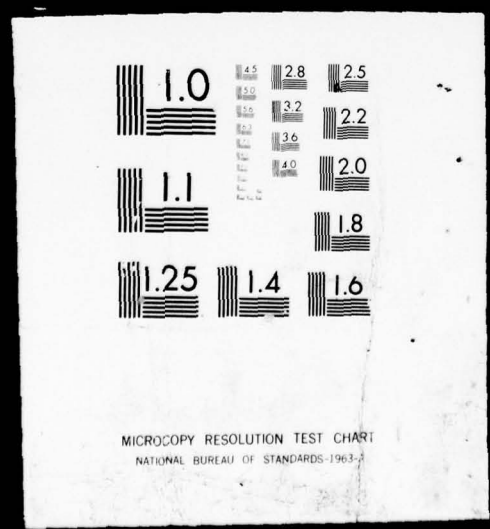


1 OF 4

1 OF 4



AD
A060610



AD-A060610

II

①

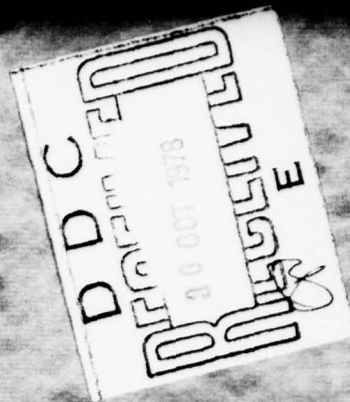
DIRECTOR

NAVAL OCEANOGRAPHY AND METEOROLOGY

S M O S

(Summary of Meteorological Observations, Surface)

Prepared by
Naval Weather Service Detachment
Federal Building
Asheville, N. C. 28801



Job Number: 72006

Period: 1945-77

Station: DALLAS, TX.

Date: JULY, 1978



REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Dallas, Texas		5. TYPE OF REPORT & PERIOD COVERED Reference report 1945-1977
7. AUTHOR(s) Naval Weather Service Detachment Asheville, N. C. 28801		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N. C. 28801		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS Director, Naval Oceanography and Meteorology National Space Technology Laboratories NSTL Station, MS 39529		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE July 1978
		13. NUMBER OF PAGES 358
		15. SECURITY CLASS. (of this report) Unclassified
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		NTIS White Section <input checked="" type="checkbox"/> DDC Buff Section <input type="checkbox"/> UNANNOUNCED <input type="checkbox"/> JUSTIFICATION _____ BY _____ DISTRIBUTION/AVAILABILITY CODES Dist AVAIL and/or SPECIAL <div style="border: 1px solid black; padding: 5px; display: inline-block; font-size: 2em; margin-top: 10px;">A</div>
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover Dallas, Texas		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

STATION NO. ON SUMMARY	STATION NAME	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	WMO NUMBER
93901	Dallas, Texas	32° 44' N 96° 58' W	495	KNBE	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Weather service office	USN	1949	1957	32° 44' N	96° 58' W	469	Tonnelot	Var
2.	"	"	1957	1967	"	"	"	"	24
3.	"	"	1967	1969	"	"	"	"	24
4.	Removed November 1969								
1a.	Weather service office	"	1961	1967	"	"	474	Aneroid	24
1b.	"	"	1967		"	"	"	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION					REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND		
1.	Installed	Atop building 20	Unknown	Unknown	75'	1. Barograph (ML-3) 2. Auto Met station (AN/GMQ-29) 3. Cloud height set (AN/GMQ-13) 4. Transmissometer (AN/GMQ-10C) 5. Ceiling light (ML-121)	
2.	1961	1600 feet northwest of weather service office, adjacent to runway 17-35	AN/UMQ-5	RD-108	10'		
3.	1966	500 feet east of center line of runway 17-35 and 350 feet south-west of center line of taxiway #3	"	RD-108B	15'		
4.	1975	500 feet east of center line of runway 17 - 35	"	RD-447/ GMQ 29	18'		

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

WEATHER CONDITIONS

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00		7.1	.6	1.9		9.0	9.7	.6			10.3	155
	03	.6	8.4	.6	1.9		11.0	13.5	.6			14.2	155
	06		7.1	1.9	1.9		11.0	14.8	.6			14.8	155
	09		9.0	1.3	.6		11.0	19.4	2.6			21.3	155
	12		6.5	2.6	1.9		10.3	11.0	.6			11.6	155
	15		6.5		1.3		7.1	11.0	1.9			12.3	155
	18	.6	4.5	1.3	.6		6.5	11.0	3.2			13.5	155
	21	.6	8.4	1.9	.6	.6	11.0	7.1	1.9			9.0	155
TOTALS		.2	7.2	1.3	1.3	.1	9.6	12.2	1.5			13.4	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901 STATION

DALLAS, TEXAS

73-77

STATION NAME

YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00		2.8		.7		3.5	2.8			.7	3.5	141
	03	1.4	6.4		.7		7.1	6.4			.7	7.1	141
	06		3.5		1.4		5.0	8.5			1.4	9.9	141
	09		7.1		1.4		8.5	15.6	2.8		1.4	19.1	141
	12		5.7				5.7	5.7	2.1		.7	8.5	141
	15		5.0				5.0	4.3	1.4			5.7	141
	18		4.3				4.3	4.3	.7		1.4	6.4	141
	21		2.8				2.8	1.4				1.4	141
TOTALS		.2	4.7		.5		5.2	6.1	.9		.8	7.7	1128

NAVWEASERVCOM

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

DALLAS, TEXAS

73-77

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00	1.3	6.5				6.5	4.5			.6	5.2	155
	03	1.3	5.2				5.2	8.4			1.3	9.7	155
	06	1.3	9.7		.6		10.3	12.3				12.3	155
	09	2.6	10.3	.6			11.0	14.2	3.9			16.1	155
	12	.6	5.8				5.8	5.8	1.3			7.1	155
	15	.6	5.2				5.2	4.5	.6			5.2	155
	18		3.2				3.2	4.5	.6			6.5	155
	21	1.3	5.8				5.8	3.2			1.3	4.5	155
TOTALS		1.1	6.5	.1	.1		6.6	7.2	.8		.6	8.3	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00	2.7	8.0				8.0	2.7				2.7	150
	03	2.0	6.7				6.7	4.0	.7			4.7	150
	06	2.7	9.3				9.3	14.7	4.0			18.7	150
	09	.7	11.3				11.3	10.7	8.0			18.7	150
	12		7.3				7.3	4.7	3.3			8.0	150
	15	.7	7.3				7.3	4.0	2.0		.7	6.7	150
	18	3.3	6.7				6.7	4.7	2.7		1.3	8.7	150
	21	3.3	7.3				7.3	4.0	2.0			6.0	150
TOTALS		1.9	8.0				8.0	6.2	2.8		.3	9.3	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00	2.6	4.5				4.5	.6				.6	155
	03	2.6	4.5				4.5	1.3				1.3	155
	06	1.9	5.2				5.2	14.8	10.3			23.9	155
	09	1.3	5.2				5.2	2.6	3.9			6.5	155
	12	3.2	5.8				5.8	.6	2.6			3.2	155
	15	1.9	6.5				6.5	1.3	2.6			3.9	155
	18	3.9	3.2				3.2	1.3	3.2			4.5	155
	21	5.2	4.5				4.5	.6	1.3			1.9	155
TOTALS		2.8	4.9				4.9	2.9	3.0			5.7	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

STATION DALLAS, TEXAS

73-77

JUN

STATION

NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00	2.7	3.3				3.3						150
	03	5.3	5.3				5.3	.7				.7	150
	06	2.0	2.7				2.7	4.7	8.0			12.7	150
	09	3.3	2.7				2.7	.7	4.0			4.7	150
	12		2.0				2.0		2.7			2.7	150
	15	1.3	3.3				3.3	.7	.7			1.3	150
	18	2.7	3.3				3.3		.7			.7	150
	21	2.7	2.7				2.7		.7			.7	150
TOTALS		2.5	3.2				3.2	.9	2.1			2.9	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

STATION DALLAS, TEXAS

73-77

JUL

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00	1.9	4.5				4.5		.6			.6	154
	03	1.3	3.2				3.2	.6				.6	155
	06		2.6				2.6	3.9	7.1			9.7	155
	09		2.6				2.6	1.3	3.2			4.5	155
	12	.6	1.9				1.9		1.9			1.9	155
	15	2.6	3.9				3.9		1.3			1.3	155
	18	5.2	7.1				7.1	.6	3.2			3.9	155
	21	3.9	5.8				5.8		1.3			1.3	155
TOTALS		1.9	4.0				4.0	.8	2.3			3.0	1239

WEATHER CONDITIONS

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00		1.3				1.3						155
	03	.6	.6				.6	.6				.6	155
	06	1.3	3.9				3.9	4.5	14.8			18.1	155
	09	.6	3.9				3.9	2.6	5.8			7.1	155
	12		3.2				3.2	.6	3.9			4.5	155
	15	1.9	2.6				2.6		.6			.6	155
	18	1.9	4.5				4.5		1.9			1.9	155
	21		.6				.6	.6	.6			.6	155
TOTALS		.8	2.6				2.6	1.1	3.5			4.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901 STATION DALLAS, TEXAS 73-77 YEARS MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00		5.3				5.3	1.3	.7			2.0	150
	03	.7	6.7				6.7	4.7	1.3			4.7	150
	06	.7	7.3				7.3	15.3	6.0			20.0	150
	09	.7	10.7				10.7	10.7	9.3			17.3	150
	12	.7	5.3				5.3	2.7	7.3			9.3	150
	15	1.3	6.0				6.0	.7	4.0			4.7	150
	18	1.3	10.7				10.7	2.0	2.0			4.0	150
	21	2.7	6.0				6.0	3.3				3.3	150
TOTALS		1.0	7.5				7.5	5.1	4.1			8.2	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

STATION DALLAS, TEXAS

73-77

STATION NAME

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00	1.3	7.7				7.7	4.5				4.5	155
	03	.6	5.8				5.8	3.9				3.9	155
	06	1.3	7.7				7.7	9.0	1.3			9.7	155
	09	.6	5.2				5.2	9.7	7.7			15.5	155
	12		7.1				7.1	3.2	2.6			5.8	155
	15		6.5				6.5	3.2	.6			3.9	155
	18	.6	3.9				3.9	3.2	1.3			3.9	155
	21	.6	3.9				3.9	3.9	1.3			4.5	155
TOTALS		.6	6.0				6.0	5.1	1.9			6.5	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

DALLAS, TEXAS

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00	.7	4.0		.7		4.7	4.7				4.7	150
	03		5.3		.7		6.0	5.3				5.3	150
	06	.7	6.0				6.0	10.0	.7			10.7	150
	09		4.7				4.7	13.3	2.7			16.0	150
	12		6.7		.7		7.3	6.7	1.3			8.0	150
	15	.7	6.0		1.3		7.3	4.7	2.7			6.7	150
	18	.7	3.3	.7			4.0	4.0	2.0			5.3	150
	21		3.3				3.3	3.3	.7			3.3	150
TOTALS		.4	4.9	.1	.4		5.4	6.5	1.3			7.5	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

93901

STATION NAME
DALLAS, TEXAS

73-77

DEC

MONTH

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00		5.2		.6		5.2	5.8			.6	6.5	155
	03	.6	4.5		.6		5.2	4.5	.6		.6	5.8	155
	06		7.7				7.7	7.1			.6	7.7	155
	09		7.7				7.7	7.7	4.5			11.6	155
	12	.6	7.7				7.7	6.5	1.3			7.7	155
	15		6.5	.6			7.1	6.5	3.2		.6	10.3	155
	18		5.8				5.8	8.4	1.9		1.3	11.6	155
	21		6.5				6.5	6.5			.6	7.1	155
TOTALS		.2	6.5	.1	.2		6.6	6.6	1.4		.5	8.5	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

STATION

93901 DALLAS, TEXAS

73-77

ALL

STATION NAME

DALLAS, TEXAS

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	7.2	1.3	1.3	.1	9.6	12.2	1.5			13.4	1240
FEB		.2	4.7		.5		5.2	6.1	.9		.8	7.7	1125
MAR		1.1	6.5	.1	.1		6.6	7.2	.8		.6	8.3	1240
APR		1.9	8.0				8.0	6.2	2.8		.3	9.3	1200
MAY		2.8	4.9				4.9	2.9	3.0			5.7	1240
JUN		2.5	3.2				3.2	.9	2.1			2.9	1200
JUL		1.9	4.0				4.0	.8	2.3			3.0	1239
AUG		.8	2.6				2.6	1.1	3.5			4.2	1240
SEP		1.0	7.5				7.5	5.1	4.1			8.2	1200
OCT		.6	6.0				6.0	5.1	1.9			6.5	1240
NOV		.4	4.9	.1	.4		5.4	6.5	1.3			7.5	1200
DEC		.2	6.5	.1	.2		6.6	6.6	1.4		.5	8.5	1240
TOTALS		1.1	5.5	.1	.2	.0	5.8	5.1	2.1		.2	7.1	14607

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

5701 WEATHER CONDITIONS JAN 68

93901
STATION

DALLAS, TEXAS

STATION NAME

49-77

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.1	34.7	7.1	7.9	.2	36.9	35.0	12.2	.2	.9	38.9	859
FEB		7.8	32.7	2.1	5.3	.5	34.6	29.3	8.9	.1	2.8	35.2	819
MAR		12.8	34.7	.8	2.4	.6	35.2	26.2	12.6		4.3	34.5	883
APR		21.6	41.9	.1	.1	1.4	41.9	24.4	14.5		2.8	34.2	856
MAY		23.5	38.9			2.0	38.9	18.9	18.2		.6	29.7	898
JUN		17.6	29.2			.5	29.2	7.2	10.9		.1	15.7	870
JUL		15.1	24.1				24.1	3.6	6.0		.2	8.3	868
AUG		15.0	26.1			.3	26.1	8.5	14.1		.4	18.2	899
SEP		12.9	31.6				31.6	22.1	17.5		.3	30.1	870
OCT		8.0	28.4			.2	28.4	24.1	15.0		.4	30.4	899
NOV		5.4	28.0	.2	1.9	.4	28.4	25.1	12.8		.9	31.1	849
DEC		3.0	31.3	1.7	3.0	.1	31.8	29.7	9.7	.1	1.2	33.8	837
TOTALS		12.1	31.8	1.0	1.7	.5	32.3	21.2	12.7	.0	1.2	28.3	10407

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

JANUARY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.4	.7	3.7	.7	.7	2.2			7.4		1.5			83.7
NNE	3.3	1.6	4.9	4.9	1.6	8.2			18.0		1.6			72.1
NE	6.9		6.9						10.3					82.8
ENE	14.3		14.3	14.3					21.4					64.3
E	21.6		8.1	2.7					16.2		2.7			64.9
ESE	8.3		4.2						12.5		8.3			75.0
SE	2.2	2.2	8.7						13.0	4.3				78.3
SSE	1.9		1.9						11.5	1.0	2.9			83.7
S	.5	.5	.5						5.6	1.0	2.0			90.9
SSW	1.2	1.2							1.2		1.2			96.5
SW	5.3	2.6							2.6					92.1
WSW	4.8	4.8					4.8	4.8	9.5					85.7
W	8.1		2.7	2.7					13.5		5.4			75.7
WNW	2.7	2.7	5.4	2.7				2.7	16.2					81.1
NW	4.0	3.0	6.0	2.0	2.0	2.0		1.0	17.0	1.0				76.0
NNW	2.2	3.0	5.2	3.7		3.0			15.6		.7			80.0
VARIABLE														
CALM	2.2	1.4	2.2						17.3	2.2	1.4			77.7
TOTAL	44	17	42	16	4	14	1	3	142	9	19			1020
% TOTAL	3.5	1.4	3.4	1.3	.3	1.1	.1	.2	11.5	.7	1.5			82.3

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION															STATION NAME															DATE															MONTH															ALL															HOURS (L.S.T.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
93901															DALLAS, TEXAS															JAN 1973-DEC 1977															FEBRUARY															ALL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
WIND DIRECTION															RAIN															RAIN SHOWERS															DRIZZLE															FREEZING RAIN FREEZING DRIZZLE															SLEET "SHOWERS ICE CRYSTALS															SNOW "GRAINS "PELLETS "SHOWERS															HAIL SMALL HAIL															THUNDER															FOG															ICE FOG GROUND FOG															SMOKE HAZE															BLOWING SNOW															BLOWING SAND AND DUST															NO WEATHER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
N															3.9															1.3															2.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

TOTAL NUMBER OF OBSERVATIONS

1,128

4431-54321

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 93901 DALLAS, TEXAS STATION NAME JAN 1973-DEC 1977 YEARS MARCH MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0	5.0	3.0	1.0	1.0			5.0	4.0		1.0			84.2
NNE	4.4	6.7	4.4					2.2	6.7					82.2
NE	5.7	5.7	2.9					2.9	8.6					82.9
ENE	5.6	2.8	2.8						2.8	2.8	5.6			83.3
E	4.5	7.5						1.5	9.0	1.5	3.0			82.1
ESE	2.7	12.2	2.7					4.1	9.5		4.1			77.0
SE	1.3	3.8							20.3	1.3	1.3			75.9
SSE	1.4	2.8	2.8					1.4	10.5					86.0
S	.8	1.5	.4					.4	3.1	.4				94.6
SSW		1.5						1.5	4.5	1.5				92.4
SW								4.2	8.3		4.2			83.3
WSW		3.2								3.2				93.5
W		2.0						2.0	3.9					82.4
WNW	2.4	2.4						4.9	2.4					87.8
NW	1.9	7.4						11.1	5.6					79.6
NNW	1.2	1.2	1.2						4.9					92.6
VARIABLE														
CALM														
TOTAL	20	45	15	1	1			25	81	8	10			1075
% TOTAL	1.6	3.6	1.2	.1	.1			2.0	6.5	.6	.8			86.7

TOTAL NUMBER OF OBSERVATIONS 1,240

5708 % FREQ. WIND DIR. WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

APRIL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.9	5.7	3.8					3.8	11.3	3.8				81.1
NNE	3.6	7.1	3.6						7.1	7.1	7.1			71.4
NE		11.8							17.6					76.5
ENE	4.5	9.1						4.5	18.2					81.8
E	4.5	10.6						1.5	7.6		1.5			81.8
ESE		5.3							4.0		8.0			86.7
SE	2.4	4.0	1.6					4.0	4.0	.8	6.3			81.0
SSE	3.3	4.7	.9					.9	4.7	.9	3.3			86.3
S		6.2	.5					3.1	5.2	.5	2.6			85.1
SSW	1.5	4.6									1.5			92.3
SW		12.0						4.0	4.0					84.0
WSW		17.6						17.6	5.9				11.8	64.7
W	3.4	3.4							6.9					86.2
WNW	1.9	1.9							1.9	1.9	1.9			92.3
NW			1.5											98.5
NNW		6.7						1.3	5.3	1.3	2.7			88.0
VARIABLE														
CALM	4.3	2.5						1.3	5.1	4.8	1.3			86.1
TOTAL	22	65	.9					23	61	13	34			2 1026
% TOTAL	1.8	5.4	.8					1.9	5.1	1.1	2.8			.2 85.5

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.5	7.6	1.5					4.5	3.0		3.0			84.8
NNE		5.7						7.5	3.8		5.7			86.8
NE	3.7	3.7									3.7			88.9
ENE		8.3						8.3	4.2		4.2			87.5
E	1.8	5.3							1.8		12.3			82.5
ESE	3.0	3.0						3.0	1.5		7.5			86.6
SE	.9	.9									5.2			93.9
SSE		2.1						4.2	1.6	.5	1.6			91.7
S		2.3	.3					.6	1.3	.6	1.9			94.2
SSW		5.3						1.8	3.5					91.2
SW		6.7						6.7						93.3
WSW														100.0
W		4.5						4.5	4.5					95.5
WNW		6.3						9.4						87.5
NW		8.3						5.6	2.8	2.8				86.1
NNW		15.9	1.6					7.9	7.9	1.6	1.6			76.2
VARIABLE														
CALM		3.3	1.1					1.1	6.6	2.2	2.2			85.7
TOTAL	6	51	4					35	29	7	37			1113
% TOTAL	.5	4.1	.3					2.8	2.3	.6	3.0			89.8

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

STATION NAME

JAN 1973-DEC 1977

YEARS

JUNE

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		7.1						2.4						92.9
NNE		2.9						5.9	2.9		2.9			91.2
NE		3.1						6.3			9.4			84.4
ENE		5.4							2.7		10.8			83.8
E		2.5						3.7	1.2					93.8
ESE	1.2	8.4						2.4			7.2			84.3
SE		5.7						3.4	1.1	1.1	5.7			85.1
SSE		1.7						1.7			.6			97.1
S		.8						1.0		.3	.8			97.7
SSW		1.3						1.3			1.3			97.4
SW		5.6						5.6						94.4
WSW		5.9						11.8		5.9				82.4
W														100.0
WNW		33.3						33.3						50.0
NW		12.5						12.5						87.5
NNW														100.0
VARIABLE														
CALM		4.3						2.9	1.4	2.9	1.4			91.4
TOTAL	1	37						30	5	5	25			1121
% TOTAL	.1	3.1						2.5	.4	.4	2.1			93.4

TOTAL NUMBER OF OBSERVATIONS

1,200

4431-54321

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION

93901 DALLAS, TEXAS

JAN 1973-DEC 1977

MONTH JULY

ALL HOURS (L.S.T.)

STATION NAME

YEARS

MONTH

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW/ GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		23.1						15.4			3.8			73.1
NNE		5.9						4.5	5.9		11.8			76.5
NE		9.1						9.4		4.5	13.6			72.7
ENE	3.1	9.4						7.6	1.3		9.4			75.0
E		8.9						2.9	1.5		7.6			83.5
ESE		2.9							1.8		4.4			88.2
SE	.9	2.7	.9					1.1	.9		.9			93.8
SSE	.5	1.1	.5					.3			.5			96.8
S		2.1	.3								.3			97.3
SSW		.7									2.1			97.3
SW		3.2												96.8
WSW														100.0
W	7.7	7.7						7.7						84.6
WNW		18.2						18.2						81.8
NW														100.0
NNW		12.5						12.5						81.3
VARIABLE														
CALM										2.7	4.4			92.0
TOTAL	5	41	3					24	4	6	29			1150
% TOTAL	.4	3.3	.2					1.9	.3	.5	2.3			92.8

TOTAL NUMBER OF OBSERVATIONS

1,239

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

AUGUST

ALL

HOURS (L.S.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		4.5							4.5		4.5			90.9
NNE	7.1	10.7						3.6	7.1		3.6			78.6
NE	3.8	3.8							11.5		11.5			73.1
ENE	5.3	5.3						5.3	5.3		10.5			78.9
E		1.0							1.0		4.9			94.2
ESE									.8		1.6			97.6
SE		2.0						2.0	.9		2.7			94.7
SSE	.5	1.4						.9	.9		1.8			95.4
S	1.1	.4									1.8			96.3
SSW		2.1						1.1			4.2			92.6
SW	4.8										4.8			90.5
WSW														100.0
W														100.0
WNW	33.3								16.7					66.7
NW		14.3												85.7
NNW														100.0
VARIABLE														
CALM		2.2						1.1	1.1		8.7			88.0
TOTAL	12	20						10	14		42			1157
% TOTAL	1.0	1.6						.8	1.1		3.4			93.3

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

SEPTEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	8.1	4.0	3.2						10.5	.8	4.8			76.6
NNE	13.3	10.7	4.0					2.7	8.0		4.0			68.0
NE	9.8	1.6						1.6	3.3	4.9	3.3			80.3
ENE	4.8	2.4							4.8		9.5			83.3
E	2.8	2.8						2.8	6.9	1.4	6.9			84.7
ESE		2.6	1.3						2.6	2.6	2.6			92.2
SE	3.2	2.2						1.1		2.2	3.2			89.2
SSE	.7	2.2						1.5		1.5	3.7			91.8
S	.5	2.6						.5	1.0		2.1			93.8
SSW	2.3							2.3		2.3	2.3			93.0
SW		6.3						6.3			6.3			87.5
WSW														100.0
W	7.7	15.4						7.7						76.9
WNW	7.1	7.1												85.7
NW	5.9									8.8	11.8			76.5
NNW	6.3		3.2						4.8	1.6	6.3			81.0
VARIABLE														
CALM	1.4	.7	.7						3.6	3.6	3.6			84.5
TOTAL	46	34	11					12	40	21	49			1032
% TOTAL	3.8	2.8	.9					1.0	3.3	1.8	4.1			86.0

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 93901 DALLAS, TEXAS JAN 1973-DEC 1977 MONTH OCTOBER ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	10.7	2.9						1.9	6.8					86.4
NNE	2.6	2.6							2.6					94.7
NE	10.0								13.3		3.3			80.0
ENE	8.3	4.2							12.5					79.2
E	1.8								5.3		1.8			93.0
ESE	4.2	4.2						2.8	2.8	1.4	4.2			83.3
SE		2.1	1.0					1.0	2.1		2.1			92.8
SSE	.7	1.3							2.7	.7	2.7			93.3
S	2.1	1.7						.4	2.5	1.3	1.7			92.4
SSW	2.5	1.3						1.3	2.5					95.0
SW		3.4							6.9		3.4			89.7
WSW		10.5												89.5
W	5.6									5.6	5.6			88.9
WNW	8.3	4.2							8.3	4.2	4.2			83.3
NW		3.1								3.1				93.8
NNW	6.1	3.0	3.0						3.0					87.9
VARIABLE														
CALM	3.4	3.0						.6	7.8	1.2	3.0			84.3
TOTAL	42	29	3					8	53	10	23			1111
% TOTAL	3.4	2.3	.2					.6	4.3	.8	1.9			89.6

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

NOVEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.6	3.1	2.4	2.4		1.6			11.0		2.4			81.9
NNE	2.4		2.4	2.4					12.2		4.9			80.5
NE									10.0		5.0			90.0
ENE			6.3						12.5					87.5
E	9.1	3.0	3.0						12.1		3.0			72.7
ESE	2.3	2.3	2.3						16.3					79.1
SE	4.3		4.3						8.7		2.9			87.0
SSE	.7	2.9	.7					.5	4.4	.5	1.0			92.0
S	2.0	.5	.5						3.0	1.1				94.0
SSW														98.9
SW		2.5							2.5					95.0
WSW	5.6							5.6						94.4
W	5.7	8.6						5.7	2.9					82.9
WNW		9.0	1.3						6.0					88.1
NW	1.3	1.3				1.3			2.6		1.3			93.6
NNW	1.2	1.2	1.2		1.2	2.4			7.1		2.4			88.1
VARIABLE														
CALM	1.0	1.0							10.0					87.0
TOTAL	23	24	14	1	1	5		4	76	2	15			1069
% TOTAL	1.9	2.0	1.2	.1	.1	.4		.3	6.3	.2	1.3			89.1

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

DECEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.2		3.3						4.3		1.1			91.3
NNE	3.4	3.4	3.4			3.4			10.3		3.4			75.9
NE	25.0		12.5						31.3		12.5			50.0
ENE	33.3	6.7	26.7						53.3		6.7			33.3
E	5.7	8.6	5.7						20.0		5.7			65.7
ESE	5.4	5.4	10.8						27.0		5.4			67.6
SE	3.3		6.7						13.3		1.7			85.0
SSE	1.7	.8	2.5					.8	4.2	1.7	.8			90.7
S		1.0	1.0						2.9	1.0	1.0			93.8
SSW			.9						.9					99.1
SW													2.8	94.4
WSW														97.0
W													1.7	91.4
WNW	2.0	2.0	4.0					2.0	1.7		1.7			88.0
NW	4.7		2.4	1.2	2.0				4.0	2.0	2.4			90.6
NNW	6.6	.8	4.1						5.7	.8				86.1
VARIABLE														
CALM									2.2	.7	1.5			95.5
TOTAL	34	12	36	1	1	1	1	2	75	7	18		2	1104
% TOTAL	2.7	1.0	2.9	.1	.1	.1	.1	.2	6.0	.6	1.5		.2	89.0

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93901

DALLAS, TEXAS

JAN 1973-DEC 1977

ALL

ALL

5708 % FREQ. WIND DIR. VS. WEATHER JAN 68

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING "SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.8	3.8	2.4	.2	.2	.5		1.8	7.1	.3	1.8			54.3
NNE	4.4	5.0	2.5	.8	.2	1.5		2.1	8.2	.4	3.3			79.7
NE	6.0	3.3	1.3			.3		1.8	8.1	1.2	4.8			80.0
ENE	5.8	4.8	2.9	.6				2.6	9.3	.3	6.1			78.9
E	4.2	4.3	1.0	.1				1.8	6.3	.3	4.3			83.9
ESE	1.7	4.2	1.2					1.4	5.0	.5	4.4			86.0
SE	1.6	2.3	1.3					1.2	4.3	1.0	3.2			87.9
SSE	1.1	1.9	.7					1.2	3.2	.5	1.8			91.7
S	.6	1.5	.3					.6	1.8	.5	1.2			94.5
SSW	.6	1.4	.2					.6	1.1	.3	1.1			95.4
SW	.9	3.0						1.5	2.1	.3	1.2		.3	91.6
WSW	.9	3.6					.4	3.1	1.3	.9			.9	91.5
W	2.5	2.9	.3	.3		.3		2.0	3.8	.6	1.2		.6	86.0
WNW	2.3	4.8	1.3	.3	.5	.8		2.8	5.5	.8	.5			86.8
NW	2.3	3.1	1.6	.5	.3	.5		1.8	5.9	1.0	1.3			86.9
NNW	3.0	3.2	2.6	.6	.1	.7		.9	7.2	.5	1.5			85.4
VARIABLE	1.7	1.6	.5					.3	6.0	2.0	2.3			87.6
CALM														
TOTAL	286	385	149	19	8	26	1	178	639	98	311		5	12993
% TOTAL	2.0	2.6	1.0	.1	.1	.2	.0	1.2	4.4	.7	2.1		.0	89.0

TOTAL NUMBER OF OBSERVATIONS

14,607

PRECIPITATION

NWSD, Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION 31901 DALLAS, TEXAS STATION NAME 45-77 YEARS

5722 Daily Amounts Jan. 1966

		AMOUNTS (INCHES)																PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
		PRECIP.	NONE	TRACE	0.1	.02-.05	0.6-1.0	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN	GREATEST			LEAST		
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120									
JAN	64.0	14.2	1.6	5.3	3.5	4.5	4.3	1.9	.8							21.9	961	1.67	4.02	.13		
FEB	66.1	10.2	2.7	4.6	3.4	4.7	3.5	3.2	1.5	.1						23.8	875	2.06	5.40	.09		
MAR	65.5	12.8	2.0	3.4	3.0	4.5	4.1	3.1	1.4		.1					21.7	930	2.29	7.85	.14		
APR	58.7	13.7	1.8	4.8	1.5	5.1	4.0	5.9	4.0	.5						27.6	930	4.40	13.88	1.38		
MAY	61.8	11.3	2.4	5.4	1.7	4.5	3.8	5.0	3.1	.7	.1					26.9	992	4.37	12.48	.62		
JUN	71.4	9.2	1.3	3.5	2.0	2.7	3.1	3.9	2.6	.4						19.5	960	2.84	8.19	.02		
JUL	75.9	8.2	.9	3.2	1.3	3.0	3.6	1.9	1.7	.1	.1					15.9	992	2.11	8.54	.02		
AUG	74.5	9.2	.8	3.5	2.2	3.0	2.3	2.5	1.5	.2	.2					16.3	992	2.45	9.98	.02		
SEP	70.1	9.0	1.0	3.5	1.9	4.0	3.8	4.0	2.3	.5						20.9	960	3.11	6.92	TRACE		
OCT	72.2	9.9	1.4	3.1	1.7	3.0	2.3	2.6	2.2	.5						17.9	1023	3.19	8.63	.02		
NOV	72.6	9.8	1.5	2.7	2.0	3.4	3.3	2.2	2.3	.2						17.6	960	2.37	9.65	.27		
DEC	69.0	12.4	2.0	3.5	2.2	3.9	2.4	3.2	1.1	.2						18.6	992	1.91	6.46	.09		
ANNUAL	68.5	10.8	1.6	3.9	2.2	3.9	3.4	3.3	2.1	.3	.0					20.7	11567	32.77				

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

93901 STATION DALLAS, TEXAS 45-77 YEARS

5722 Daily Amounts Jan 1969

PRECIP.	NONE	TRACE	0.1-0.4	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																	MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	92.7	5.0	.7	.4	.4	.4	.4	.1	.1	.1					2.3	961	1.5	10.4	.0
FEB	95.0	3.0	.7	.8	.2	.2	.2		.1						2.1	875	.7	5.0	.0
MAR	97.5	2.0		.3	.2										.5	992	.2	1.8	.0
APR	99.9	.1														870	TRACE		.0
MAY	100.0															961	.0	.0	.0
JUN	100.0															930	.0	.0	.0
JUL	100.0															961	.0	.0	.0
AUG	100.0															992	.0	.0	.0
SEP	100.0															900	.0	.0	.0
OCT	100.0															992	.0	.0	.0
NOV	98.4	1.4	.1						.1						.2	960	.2	5.5	.0
DEC	97.1	2.3	.3	.1	.1	.1	.1								.6	992	.2	2.8	.0
ANNUAL	98.4	1.1	.1	.1	.1	.1	.1	.0	.0	.0					.5	11386	2.8		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93901 STATION DALLAS, TEXAS STATION NAME 45-77 YEARS

15029

5722 Daily Amounts Jan. 1969

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	94.9	2.6	.7	.9	.2	.5						.1		2.4	868				
FEB	97.1	.9	1.3	.4	.2	.1								2.1	819				
MAR	99.3	.4	.2											.2	899				
APR	100.0														840				
MAY	100.0														899				
JUN	100.0														870				
JUL	100.0														868				
AUG	100.0														899				
SEP	100.0														870				
OCT	100.0														930				
NOV	99.7	.1		.1	.1									.2	870				
DEC	98.7	1.1		.2										.2	899				
ANNUAL	99.1	.4	.2	.1	.0	.0						.0		.4	10531				

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

45-77

DALLAS, TEXAS

93901

STATION NAME

STATION

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43				1.54	.84	1.85	1.62	.65	.80	1.87	1.32	.30	
46	.47	1.37		1.26	5.00	.35	.75	3.00		1.12	3.57	1.50	
47	.22	.58	.78	.45	.61		.01	8.00	1.60	2.04	1.70	1.05	
48	.60		.81		1.41	1.54	.54		.44	.51	.41	2.76	
49		2.27			5.94	1.53	.32	.17	1.10	2.42	.35	.26	
50	2.18	2.31	1.40	1.11	2.02	1.63	1.10	2.46	2.66	.31	.35	.08	2.66
51	1.37	.86	1.40	.66	.98	3.09	.48	.81	.59	1.08	.50	.08	3.09
52	.65	.83	1.09	2.51	2.85	.02	.43	.09	.26	.11	2.43	1.10	2.85
53	.41	.33	1.85	2.13	1.29	.60	.77	.82	1.36	1.70	.96	.72	2.13
54	.51	.53	.45	1.79	2.12	1.44	.14	1.28	1.83	1.52	1.26	.57	2.12
55	.88	.77	.68	1.04	2.06	1.73	1.61	2.08	.95	.11	.27		
56	.92	.89	.08	1.40	3.76	.83	.17	.22	TRACE	.53	2.10	1.21	3.76
57	.63	.34	1.90	4.66	4.13	.83	.31	.09	1.11	1.48	1.98	.73	4.66
58	1.06	.37	.70	3.44	1.09	.90	3.49	.89	2.78	.65	1.34	.53	3.49
59	.08	1.50	1.31	.67	2.41	1.39	.81	.51	.88	4.22	1.20	1.42	4.22
60	1.36	.77	.43	.79	.62	.58	.57	2.19	1.62	1.95	.46	1.82	2.19
61	1.91	.82	2.00	1.16	.54	1.49	.45	.34	1.60	3.02	1.64	.55	3.02
62	.29	.57	.96	1.75	.71	1.19	1.67	2.27	1.82	1.29	1.15	.97	2.27
63	.30	.09	.16	3.25	1.18	1.18	1.44	.10	.21	.03	.63	1.14	3.25
64	1.00	.49	1.25	1.57	.99	.08	.69	1.19	1.85	.11	2.03	.41	2.03
65	.83	1.74	.71	.71	4.03	.78	.42	.87	3.78	.94	1.70	.83	4.03
66	.61	2.72	1.72	2.14	.51	1.46	.94	1.31	.85	1.58	.26	.35	2.72
67	.17	.22	.83	1.17	1.14	1.09	1.35	.02	1.45	1.28	.48	.61	1.45
68	.71	.53	1.53	.41	1.21	.91	1.04	3.12	1.37	.84	1.74	.30	3.12
69	1.24	.86	.77	1.04	4.11	.25	.06	.73	.88	3.19	.28	.77	4.11
70	.44	1.46	.86	1.71	.80	.01	.38	1.27	2.02	.92	.31	.75	2.02
71	.23	.55	.28	1.51	1.50	.52	1.53	1.14	.41	2.82	.65	2.82	2.82
72	.32	.19	.11	2.08	.84	.95	1.03	.64	1.01	1.99	.82	.19	2.08
73	1.17	1.06	1.23	.73	.61	4.38	1.84	.15	3.16	2.23	.68	.31	4.38
74	.98	.90	.20	1.07	4.78	3.33	.78	1.12	1.92	2.27		.79	
MEAN													
S. D.													
TOTAL OBS.													

5723 Extreme Values Jan 1969

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

STATION	STATION NAME	YEARS
93901	DALLAS, TEXAS	45-77

24 HOUR AMOUNTS IN INCHES

[illegible]

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS)

93901 DALLAS, TEXAS

45-77

STATION	STATION NAME
93901	DALLAS, TEXAS

YEARS

T68T6T

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME 45-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	TRACE	TRACE	.0		.0	.0	.0	.0		.0	.0	TRACE	
46	TRACE	.7	1.6	.0	.0	.0	.0	.0		.0	.0	2.8	
47	TRACE		TRACE		.0	.0	.0	.0	.0	.0	.0	TRACE	1.6
48	3.0											.0	
49		.0	.0		.0	.0	.0	.0	.0	.0	.0	TRACE	
50	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1
51	1.6	3.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.2
52	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
53	2.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
54	TRACE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0
55	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	
56	5.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
57	TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.1	.0	.1
58	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5
59	TRACE	2.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.1
60	TRACE	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
61	1.3	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
62	2.7	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
63	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
64	10.0	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.0
65	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	3.3	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
68	1.3	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
70	TRACE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
71	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.7
72	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
73	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	.4
74	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
MEAN													
S. D.													
TOTAL OBS.													

5223 Extreme Values Jan 1969

SNOWFALL

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

SNOWFALL
FROM DAILY OBSERVATIONS

93901 DALLAS, TEXAS

45-77

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93901 DALLAS, TEXAS STATION NAME 45-77 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45					0								
46													
47						0				0			
48													
49			2	0	0	0	0	0	0	0	0	0	0
50	TRACE	0	TRACE	0	0	0	0	0	0	0	0	TRACE	TRACE
51	2	3	0	0	0	0	0	0	0	0	0	0	3
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
54	1	0	TRACE	0	0	0	0	0	0	0	0	TRACE	1
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	5	1	0	0	0	0	0	0	0	0	0	0	5
57	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
58	0	1	0	0	0	0	0	0	0	0	0	2	2
59	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
60	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
61	3	1	0	0	0	0	0	0	0	0	0	0	3
62	2	0	1	0	0	0	0	0	0	0	0	0	2
63	TRACE	0	0	0	0	0	0	0	0	0	0	2	2
64	70	TRACE	0	0	0	0	0	0	0	0	0	TRACE	70
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	2	1	0	0	0	0	0	0	0	0	0	0	2
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	1	1	0	0	0	0	0	0	0	0	0	0	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
71	0	1	1	0	0	0	0	0	0	0	0	0	1
72	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
73	4	0	0	0	0	0	0	0	0	0	0	0	4
74	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S. D.													
TOTAL OBS.													

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

93901	DALLAS, TEXAS	45-77
STATION	STATION NAME	YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

1946-1977

93901 STATION DALLAS, TEXAS STATION NAME

YEARS

FEBRUARY
MONTH

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.31	59	1950			
2	0.23	6	1977	0.9	23	1956
3	0.77	20	1960*	0.4	10	1956
4	1.37	35	1946			
5	0.82	21	1961	0.6	15	1961
6	0.62	16	1961	3.2	81	1961
7	1.06	27	1973	1.0	25	1971
8	1.61	41	1965			
9	2.72	69	1966			
10	0.33	8	1953			
11	1.28	33	1977	1.0	25	1958
12	1.31	33	1950	0.3	8	1958
13	0.70	18	1946	0.3	8	1951
14	1.50	38	1959	3.2	81	1951
15	0.71	18	1952	0.4	10	1951
16	0.65	17	1965	T	T	1963*
17	0.55	14	1976	T	T	1973*
18	0.34	9	1957			
19	0.59	15	1955	2.1	53	1959
20	0.38	10	1951	0.1	3	1964
21	0.90	23	1974	T	T	1971*
22	0.35	9	1973	1.0	25	1966
23	2.27	58	1949	5.0	127	1975
24	1.46	37	1970	1.5	38	1960
25	0.95	24	1948			
26	0.53	13	1966			
27	0.69	18	1970			
28	0.53	13	1968	T	T	1971*
29	0.14	4	1960			
30						
31						
Monthly	2.72	69	1966	5.0	127	1975

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.32	8	1972	T	T	1977*
2	0.51	13	1965	T	T	1977*
3	0.65	17	1952	T	T	1974*
4	0.37	9	1957	0.4	10	1972
5	1.36	35	1960*	T	T	1970*
6	0.33	8	1961	T	T	1973*
7	1.91	49	1961	T	T	1973
8	0.46	12	1946	1.3	33	1968
9	0.88	22	1955	2.7	69	1962
10	0.98	25	1974	1.0	25	1973
11	0.30	8	1973	3.0	76	1973
12	1.06	27	1958	T	T	1975*
13	1.37	35	1951			
14	0.37	9	1946			
15	0.51	13	1954	0.4	10	1964
16	1.00	25	1964	10.0	254	1964
17	0.15	4	1956	0.4	10	1966
18	0.92	23	1956	5.0	127	1956
19	0.56	14	1958	3.0	76	1948
20	0.60	15	1948	T	T	1963*
21	0.83	21	1965	3.3	84	1966
22	0.37	9	1949	0.2	5	1966*
23	0.41	10	1953	T	T	1974*
24	4.46	113	1949	1.9	48	1948
25	1.17	30	1973	T	T	1973*
26	0.30	8	1948	T	T	1963
27	0.40	10	1949	0.2	5	1961
28	0.71	18	1968	2.0	51	1948
29	1.24	31	1969	1.3	33	1951
30	0.85	22	1964	4.4	112	1977
31	2.18	55	1950	1.6	41	1951
Monthly	4.46	113	1949	10.0	254	1964

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93901 STATION DALLAS, TEXAS STATION NAME
1945-1977 YEARS

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNT MAR 1978

MARCH MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.81	21	1948			
2	0.78	20	1977	1.0	25	1971
3	1.24	31	1977	T	T	1971
4	0.69	18	1958	T	T	1954
5	0.70	18	1958	0.8	20	1954
6	0.35	9	1957			
7	0.79	20	1976	1.6	41	1947
8	1.25	32	1964			
9	1.85	47	1953	T	T	1964
10	1.31	33	1959	T	T	1948
11	1.53	39	1958	T	T	1970*
12	1.40	36	1950	T	T	1970*
13	0.91	23	1946	T	T	1976*
14	0.43	11	1960	1.8	46	1962
15	0.77	20	1969			
16	2.00	51	1961			
17	0.66	17	1969			
18	0.52	13	1947			
19	0.82	21	1964	T	T	1965
20	1.44	37	1958	T	T	1970
21	0.70	18	1949	0.7	18	1970
22	0.66	17	1958	T	T	1968
23	0.64	16	1969			
24	0.77	20	1976			
25	0.71	18	1946	T	T	1965
26	0.96	24	1975			
27	5.16	131	1977			
28	1.72	44	1966			
29	4.80	122	1945	T	T	1975
30	1.06	27	1945			
31	1.90	48	1957			
Monthly	5.16	131	1977	1.8	46	1962

MARCH MONTH

APRIL MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.92	23	1945			
2	0.19	5	1956			
3	1.40	36	1957			
4	0.94	24	1962			
5	0.68	17	1964			
6	0.23	6	1975*			
7	2.41	61	1975			
8	0.80	20	1958			
9	1.04	26	1955			
10	0.77	20	1962			
11	1.54	39	1954			
12	0.84	21	1954	T	T	1957
13	1.06	27	1958			
14	0.92	23	1977			
15	1.34	34	1977			
16	0.88	22	1950			
17	1.51	38	1971			
18	1.64	42	1976			
19	3.26	83	1976			
20	1.78	45	1977			
21	2.40	61	1952			
22	2.51	64	1952			
23	2.13	54	1953			
24	1.29	33	1957			
25	2.14	54	1966			
26	4.66	118	1957			
27	2.08	53	1972			
28	3.25	83	1963			
29	1.40	36	1956			
30	1.79	45	1954			
31						
Monthly	4.66	118	1957	T	T	1957

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 93901 DALLAS, TEXAS
STATION NAME

1945-1977

YEARS

MAY MONTH

JUNE MONTH

DAY	PRECIPITATION GREATEST				SNOWFALL GREATEST		
	INCHES	MM	DATE		INCHES	MM	DATE
1	3.76	96	1956				
2	1.09	28	1958				
3	0.32	8	1946				
4	0.10	3	1969				
5	4.78	121	1974				
6	4.11	104	1969				
7	0.34	21	1972				
8	0.55	14	1964				
9	0.98	25	1951				
10	4.03	102	1965				
11	1.41	36	1948				
12	2.34	59	1957				
13	1.20	30	1968				
14	1.52	39	1974				
15	1.85	47	1965				
16	1.46	37	1955				
17	2.34	151	1949				
18	0.42	11	1952				
19	2.06	52	1955				
20	1.27	32	1955				
21	0.62	16	1945				
22	0.68	17	1946				
23	4.13	105	1957				
24	1.07	27	1959				
25	1.11	28	1957				
26	1.17	30	1949				
27	1.50	38	1971				
28	0.71	18	1962				
29	5.00	127	1946				
30	1.82	46	1976				
31	1.17	30	1946				
Monthly	5.94	151	1949				

DAY	PRECIPITATION GREATEST				SNOWFALL GREATEST		
	INCHES	MM	DATE		INCHES	MM	DATE
1	0.44	11	1973				
2	3.09	78	1951				
3	4.38	111	1973				
4	1.28	33	1955				
5	0.91	23	1950				
6	0.90	23	1958				
7	3.33	85	1974				
8	1.73	44	1955				
9	1.41	36	1974				
10	0.34	9	1975				
11	1.19	30	1945				
12	1.85	47	1945				
13	1.07	27	1945				
14	0.89	23	1961				
15	1.44	37	1954				
16	2.68	68	1951				
17	1.49	38	1961				
18	1.16	29	1955				
19	1.90	48	1947				
20	2.15	55	1947				
21	1.63	41	1950				
22	1.39	35	1959				
23	1.54	39	1948				
24	0.91	23	1968				
25	1.53	39	1949				
26	1.15	29	1948				
27	0.05	1	1962				
28	0.87	22	1948				
29	1.07	27	1950				
30	1.18	30	1963				
31							
Monthly	4.38	111	1973				

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

1945-1977

93901 STATION DALLAS, TEXAS STATION NAME

YEARS

AUGUST
MONTH

JULY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.21	5	1977			
2	2.27	58	1962			
3	0.21	5	1962			
4	0.73	19	1969			
5	0.51	13	1969			
6	0.73	19	1974			
7	0.26	7	1965			
8	0.11	3	1974			
9	0.39	10	1972			
10	1.12	28	1974			
11	2.08	53	1955			
12	0.82	21	1953			
13	3.12	79	1968			
14	1.14	29	1971			
15	1.19	30	1964			
16	0.04	1	1975			
17	0.99	25	1964			
18	0.81	21	1951			
19	1.27	32	1970			
20	5.90	150	1977			
21	2.19	56	1960			
22	1.90	48	1950			
23	0.94	24	1970			
24	1.16	29	1966			
25	0.94	24	1971			
26	1.69	43	1968			
27	8.00	203	1947			
28	3.00	76	1946			
29	2.48	63	1950			
30	0.68	17	1974			
31	0.90	23	1970			
Monthly	8.00	203	1947			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.32	34	1967			
2	0.54	14	1948			
3	0.15	4	1967			
4	1.62	41	1945			
5	3.49	89	1958			
6	0.56	14	1958			
7	1.27	32	1973			
8	0.46	12	1968			
9	T	T	1977*			
10	0.92	23	1945			
11	1.84	47	1973			
12	1.03	26	1972			
13	1.35	34	1967			
14	1.44	37	1963			
15	0.45	11	1955			
16	1.61	41	1955			
17	0.94	24	1966			
18	0.77	20	1953			
19	0.57	14	1960			
20	0.46	12	1968			
21	0.31	8	1977			
22	0.45	11	1961			
23	0.56	14	1971			
24	1.47	37	1975			
25	5.68	144	1975			
26	1.55	39	1962			
27	1.67	42	1962			
28	1.72	44	1973			
29	0.82	21	1975			
30	0.37	9	1973			
31	0.32	8	1949			
Monthly	5.68	144	1975			

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

24 DAILY AMOUNTS MAR 1978

STATION
93901

STATION NAME
DALLAS, TEXAS

1945-1977

YEARS

SEPTEMBER
MONTH

OCTOBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.06	78	1976			
2	0.99	25	1970			
3	1.36	35	1953			
4	1.53	39	1950			
5	0.84	21	1973			
6	1.58	40	1973			
7	1.82	46	1962			
8	1.10	28	1949			
9	0.69	18	1960			
10	0.19	5	1974			
11	1.60	41	1947			
12	1.60	41	1961			
13	0.35	9	1970			
14	1.45	37	1967			
15	0.90	23	1967			
16	1.62	41	1970			
17	1.09	28	1974			
18	0.80	20	1965			
19	2.78	71	1958			
20	1.92	49	1974			
21	3.78	96	1965			
22	0.80	20	1969			
23	2.02	51	1970			
24	1.62	41	1960			
25	0.60	15	1955			
26	3.16	80	1973			
27	0.89	23	1964			
28	0.88	22	1959			
29	0.86	22	1954			
30	1.83	46	1954			
31						
Monthly	3.78	96	1955			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	4.22	107	1959			
2	3.02	77	1961			
3	2.82	72	1971			
4	2.55	65	1959			
5	0.27	7	1973			
6	0.21	5	1973			
7	0.91	23	1967			
8	2.04	52	1947			
9	1.15	29	1961			
10	2.08	53	1977			
11	2.23	57	1973			
12	3.19	81	1969			
13	1.95	50	1960			
14	1.79	45	1974			
15	1.28	33	1967			
16	0.36	9	1948			
17	1.12	28	1946			
18	1.97	50	1971			
19	2.43	62	1971			
20	0.01		1971			
21	1.83	46	1972			
22	1.14	29	1977			
23	1.18	30	1953			
24	2.42	61	1949			
25	1.70	43	1953			
26	1.99	51	1972			
27	0.85	22	1969			
28	1.29	33	1962			
29	1.39	35	1976			
30	1.72	44	1973			
31	2.27	58	1974			
Monthly	4.22	107	1959			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

2

93901 STATION DALLAS, TEXAS STATION NAME

1945-1977 YEARS

DAILY EXTREME AMOUNTS

NOVEMBER
MONTH

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.24	24	1946			
2	3.57	91	1946	T	T	1951
3	2.75	70	1946			
4	2.10	53	1955			
5	1.98	50	1957			
6	0.04	1	1972*			
7	0.69	18	1962			
8	0.81	21	1977	T	T	1968
9	1.32	34	1945			
10	0.95	24	1974	0.1	3	1957
11	0.35	9	1949			
12	0.43	11	1972			
13	1.70	43	1947	5.5	140	1976
14	1.34	34	1958	T	T	1976*
15	0.41	10	1948			
16	0.09	2	1958			
17	2.43	62	1952			
18	1.05	27	1964			
19	0.96	24	1953			
20	0.68	17	1973			
21	0.31	8	1961	T	T	1972
22	1.64	42	1961	T	T	1971*
23	1.84	47	1952			
24	2.09	53	1952	T	T	1957
25	1.31	33	1952			
26	1.15	29	1962			
27	0.84	21	1958			
28	0.40	10	1967	T	T	1976*
29	0.35	9	1977	T	T	1974*
30	0.60	15	1968	T	T	1955
31						
Monthly	5.57	91	1946	5.5	140	1976

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.49	12	1958			
2	0.90	23	1971			
3	0.71	18	1947			
4	0.03	1	1951			
5	0.97	25	1971	T	T	1950
6	1.82	46	1960	T	T	1969
7	1.23	31	1960			
8	0.86	22	1971			
9	2.82	72	1971			
10	1.50	38	1946	0.1	3	1972
11	1.35	34	1946			
12	0.19	5	1949	0.1	3	1963
13	0.12	3	1967	T	T	1963*
14	2.76	70	1948	T	T	1971*
15	1.42	36	1959			
16	0.35	9	1961			
17	0.27	7	1959			
18	1.21	31	1956	T	T	1964
19	0.97	25	1956	T	T	1973
20	0.97	25	1962	T	T	1963
21	0.30	8	1968	T	T	1963
22	0.30	8	1963	0.3	8	1963
23	0.07	2	1973			
24	1.44	37	1975	T	T	1975
25	0.43	12	1957	T	T	1975
26	0.21	5	1959			
27	0.35	9	1966	T	T	1967
28	0.67	17	1969	1.0	25	1954
29	0.77	20	1969	T	T	1969
30	0.96	24	1952	1.5	38	1958
31	0.87	22	1959	2.8	71	1946
Monthly	2.82	72	1971	2.8	71	1946

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

WINDS (SFC)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93901 DALLAS, TEXAS

STATION NAME

45-77

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46	S 43SSW 49NW 59NW	41NW 52S	54W	44ESE 37W	46ENE 73NNW 40NNW 38								
47	SW 42	47NW 48SE	40ENE 31SSW 52W	60SE 20	W 37WSW 42N 39								
48	N 41	S 42	N 79	69ENE 33S	31N 37W 49S 47								
49	NE 66	SSE 37NNW 39SW	48SSE 40SSW 50SW	40NNW 42SSW 36SSW 52									
50	S 46WNW 43SSE	48SSE 52NW 70SSE	40SSE 38SE	50NNE 31									
51	SE 75S	42S 49SE	40SSE 66NE	42SE	46SSW 32NW 37S 47								
52	N 38WSW 43W	51W 46W	36SE	37N 35NE	38NNE 43WSW 52W 42								
53	NW 50S	40SW 42SSE	45N 53S	35SE	36SE 42S 43WNW 29WSW 32ESE 34								
54	WNW 36WSW 43WNW	46WSW 48SSE	32S	43SW 42SW	50SE 45S 49NW 32NW 42								
55	NNW 39WNW 41S	48W 66SSW 39SSE	79SSE 42ESE	30SE	39N 43								
56	N 35NW	51NNW 45W	48S 40S	37NW 46SW	62NNE 28S 38SSW 43S 34								
57	NW 42NNW 35SW	40NE 51N 61	SE 45NNE 32N	40WSW 39NW	48SW 50								
58	WNW 44SW	52SE 43W	54ESE 40SSE	37SSE 41SSW 31E	30								
59	NW 39S	47WNW 59	SE 41NE 53NNW	44N 42									
60		N 46SE	47SSE 54SW	41									
61	NW 35W	75WNW 43WSW	40S 43NNW	32SE	31ESE 42								
62	NNE 38	WSW 39ENE	40S 40S	48	NNW 26S								
63	NW 32S	39SE 34WSW	41E 32NW	32SE	34W 25N 36SSW								
64	ESE 43WNW 35NW	37SSE 40SSE	39S 33E	30WSW 39SSW	32NNE 26SSW 30S 31								
65	SW 37NNW 35NW	37W 38ENE	35WNW 35NE	29WNW 40SE	33S 35W 35WNW 33								
66	W 52W	36NW 36W	36S 33S	32E 27S 30N	29NNE 35N 32								
67	S 36N	38N 33S	33SW 35WNW	36WNW 26SSW	33N 33S 30NNW 32WNW 36								
68	S 33NW	35NNE 43S	37SSW 36SE	32SSW 33E	44ENE 26S 37NW 36WSW 41								
69	W 39WNW	30WNW 33ESE	37WNW 31SE	37SSE 27NW	32NE 34S 29S 31N 29								
70	S 32S	35WSW 33NNW	36WNW 37SE	34SE 25SE	30E 33WSW 38S 36WNW 32								
71	S 3528	3727 4135	3421 3910	3233 3818	2612 2528	4331 3927	57						
72	20 3020	3130 3220	3114 2932	3936 3814	5630 3504	3930 4833	42						
73	21 4528	3627 5515	3631 3927	5710 3611	2833 3114	4115 3929	39						
74	19 3019	4818 3415	4122 3732	5727 3136	3136 2117	2631 2619	25						
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
93901	DALLAS, TEXAS	45-77

STATION

YEARS

DAILY PEAK GUSTS IN KNOTS

[illegible]

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)
 93901 STATION DALLAS, TEXAS 45-77 YEARS
 STATION NAME
DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46						NW 43 23			N 31 23				WINDS DAYS
47		N 50ENE 46 21 23								S 34NW 44 14 26			WINDS DAYS
48		SW 57SSW 50 24 26			N 50 27								WINDS DAYS
49		S 49W 48 22 25											WINDS DAYS
50										NNW 45SE 39 14 24			WINDS DAYS
51						N 45 25							WINDS DAYS
52										W 52 25			WINDS DAYS
53				NINE 43 17					S 34 17	0	0	0	WINDS DAYS
54		NNW 31 3					NNW 45 23	0	0	NW 44 24			WINDS DAYS
55	NNW 41 27									NNE 37 10			WINDS DAYS
56		N 30 19					SE 50NW 27 26 18						WINDS DAYS
57					12 42 21								WINDS DAYS
58	32 4028 42 23 22		16 4714 50 20 20				04 21 7						WINDS DAYS
59	34 34 12	44 20				37 25	01 3223 3203 30 21 11 23						WINDS DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER
CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	3.9	3.9	.6							11.6	9.2
NNE		1.3		.6								1.9	8.7
NE	.6	1.3										1.9	3.7
ENE													
E	.6	1.3	.6									2.6	5.0
ESE		.6										.6	6.0
SE	1.9											1.9	2.7
SSE		1.3	2.6	1.3								5.2	8.1
S	3.2	2.6	6.5	3.9	1.3							17.4	8.6
SSW	3.9	3.2	.6	1.3								9.0	4.6
SW	3.2	.6										3.9	2.7
WSW	.6											.6	2.0
W	.6	1.3	1.9									3.9	6.5
WNW	1.3	1.9	.6									3.9	5.3
NW	.6	1.3	1.3	.6	.6							5.2	10.6
NNW	3.2	3.2	3.2	2.6								12.3	6.5
VARBL													
CALM												18.1	
	21.3	21.9	21.3	14.2	2.6	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME 73-77 YEARS MONTH JAN HOURS (L.S.T.) 03

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.3	3.9	2.6	.6							11.0	8.5
NNE	1.9	1.3	.6	.6								4.5	5.4
NE	.6	.6										1.3	4.5
ENE	.6											.6	3.0
E	.6	1.3	1.3									3.2	5.2
ESE		.6	.6									1.3	6.0
SE	1.9	1.3	.6									3.9	4.0
SSE	.6	1.3	1.3	.6								3.9	6.5
S	1.9	3.9	5.2	3.9	1.9							16.8	8.7
SSW	1.9	1.9	1.9									5.8	5.4
SW	5.8											5.8	2.3
WSW		1.3										1.3	4.0
W		.6	.6									1.3	8.0
WNW		.6	1.3			.6						2.6	10.5
NW	1.9	3.9	1.9	.6								8.4	5.5
NNW	.6	3.9	2.6	1.9	1.3							10.3	9.1
VARBL													
CALM												18.1	
	21.3	23.9	21.9	10.3	3.9	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER
CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	5.2	2.6	.6							13.5	8.0
NNE	.6	2.6										3.2	4.4
NE	.6	.6										1.3	3.5
ENE		.6	.6									1.3	5.5
E			.6									.6	7.0
ESE	1.3	.6										1.9	3.3
SE	.6	.6	.6	.6								2.6	6.3
SSE	1.3	.6	3.2	.6								5.8	7.0
S	1.3	4.5	4.5	2.6								12.9	7.6
SSW	4.5	1.9	3.2	1.9								11.6	5.9
SW	2.6	1.3										3.9	3.3
WSW	.6											.6	3.0
W	.6	.6		.6								1.9	7.3
WNW	.6		1.3									1.9	7.0
NW	1.9	3.9	1.9	1.9	.6							10.3	7.9
NNW	1.9	2.6	2.6	2.6								9.7	7.6
VARBL													
CALM												16.8	
	20.6	23.9	23.9	13.5	1.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	5.2	2.6								9.7	9.3
NNE	3.2	1.9	.6		.6							6.5	5.2
NE		.6	1.3									1.9	7.7
ENE		.6	.6									1.3	5.5
E	1.3	1.9										3.2	4.2
ESE		.6	.6									1.3	7.0
SE		.6		.6								1.3	9.0
SSE	2.6	1.3	2.6	.6								7.1	6.1
S	2.6	7.7	3.9	3.9								18.1	6.7
SSW	2.6	1.9	2.6	3.2								10.3	7.6
SW		.6		.6	.6							1.9	11.7
WSW	1.3	.6										1.9	2.7
W	1.9	.6	1.3	.6								4.5	6.3
WNW			1.9									1.9	9.0
NW	.6	3.2	.6	.6	1.9							7.1	9.9
NNW		3.2	5.2	1.9	1.9							12.3	9.7
VARBL													
CALM												9.7	
	16.8	27.1	26.5	14.8	5.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		3.2	1.9	5.2	1.3	.6						12.3	11.4
NNE		1.9	2.6									4.5	7.0
NE		1.3	.6	.6								2.6	8.0
ENE		.6	.6									1.3	7.0
E	.6	1.3	.6									2.6	5.0
ESE				.6								.6	12.0
SE	1.3	1.9	.6	1.3								5.2	6.6
SSE	2.6	3.2	2.6	1.3								9.7	5.8
S	1.9	3.2	6.5	6.5	.6	.6						19.4	10.2
SSW		1.3	1.9	1.9								5.2	10.9
SW		1.3	1.3	2.6								5.2	9.1
WSW	.6	.6				.6						1.9	10.7
W	1.3	1.3	1.3	1.3								5.2	7.3
WNW	1.3		1.3									2.6	4.8
NW	1.3		2.6	.6	.6	.6						5.8	9.8
NNW	.6	1.3	4.5	4.5	.6	.6						12.3	10.6
VARBL													
CALM												3.9	
	11.6	22.6	29.0	26.5	3.2	3.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.6	3.2	4.5	.6							11.0	9.6
NNE	1.3	1.3	1.9	.6								5.2	6.8
NE	.6	.6	1.3	.6								3.2	6.4
ENE	1.9	1.3	1.3									1.3	10.0
E	1.9	1.3	.6									3.9	4.2
ESE	1.3	.6	.6									1.3	6.5
SE	1.9	3.2	1.9									5.2	5.6
SSE	.6	2.6	5.2	1.9	1.3							11.6	8.3
S	.6	.6	1.9	6.5	1.3	.6						16.8	10.9
SSW	.6	.6	.6	.6								3.9	7.7
SW	.6	.6	.6	1.3								2.6	9.0
WSW	.6	.6	.6	1.3	1.3							3.2	14.0
W	.6	.6	1.3	1.3								2.6	8.5
WNW	1.3	1.3	1.3	.6								3.2	7.8
NW	1.9	1.9	4.5	1.9	1.9							10.3	10.6
NNW	.6	.6	5.8	3.9	1.3							11.6	10.9
VARBL													
CALM	9.0	20.0	34.2	25.2	7.7	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93901

DALLAS, TEXAS

73-77

JAN
MONTH

YEARS

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	3.2	1.9								10.3	7.3
NNE	.6	2.6	1.9	1.3								6.3	7.0
NE	1.3	3.2										4.5	4.6
ENE		.6	.6									1.3	8.0
E	1.9	2.6	.6									5.2	4.5
ESE	1.3	1.9	.6									3.9	4.3
SE	1.3	2.6	.6									4.5	4.7
SSE	3.2	4.5	5.2	.6								13.5	6.2
S	1.3	3.9	4.5	1.3								11.0	6.9
SSW	2.6	2.6	.6	.6								6.5	4.9
SW													
WSW		.6										.6	4.0
W		1.3	.6	.6								2.6	8.5
WNW	.6	1.3	1.3	.6								3.9	7.0
NW		1.3	3.2	2.6								7.1	9.7
NNW	1.9	1.9	4.5	1.9	.6							11.0	8.4
VARBL													
CALM												7.7	
	18.1	34.2	27.7	11.0	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	4.5		.6							7.7	8.3
NNE	1.9	3.2	.6	1.3								7.1	5.7
NE	.6	1.3										1.3	4.0
ENE	.6	.6	.6									1.9	5.0
E	.6	.6	1.3									2.6	5.6
ESE	1.3	3.2										4.5	4.4
SE	.6	3.2	1.3									5.2	5.8
SSE	.6	2.6	2.6	4.5								10.3	8.9
S	1.9	5.2	4.5	3.2								14.8	7.3
SSW	.6	2.6										3.2	4.6
SW	1.3											1.3	2.5
WSW	1.9	.6	.6									3.2	4.0
W		1.9										1.9	5.0
WNW	.6	2.6	.6									3.9	5.5
NW	1.3	4.5	2.6	.6	1.3							10.3	7.8
NNW	1.3	1.3	3.2	1.9								7.7	7.9
VARBL													
CALM												12.3	
	16.1	35.5	22.6	11.6	1.9							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	3.9	2.9	.6	.1						10.9	9.0
NNE	1.2	2.0	1.0	.6	.1							4.9	6.1
NE	.6	1.2	.4	.2								2.3	5.4
ENE	.2	.4	.6									1.1	6.4
E	1.0	1.3	.7									3.0	4.8
ESE	.5	1.0	.3	.1								1.9	5.2
SE	1.1	1.5	.7	.3								3.7	5.5
SSE	1.6	2.3	2.9	1.5	.2							8.4	7.2
S	1.9	4.2	5.1	4.0	.6	.2						15.9	8.5
SSW	2.1	2.0	1.6	1.2								6.9	6.4
SW	1.6	.6	.2	.6	.1							3.1	5.4
WSW	.6	.5	.2	.2	.2	.1						1.7	7.0
W	.6	1.0	.7	.6								3.0	7.1
WNW	.6	1.0	1.2	.2		.1						3.0	6.9
NW	1.0	2.5	2.3	1.2	.9	.2						8.1	8.8
NNW	1.2	2.3	4.0	2.7	.7	.1						10.9	8.9
VARBL													
CALM												11.2	
	16.9	26.1	25.9	16.0	3.3	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.7	3.5								7.1	8.5
NNE	1.4	1.4	1.4									4.3	5.5
NE		1.4										1.4	5.0
ENE													
E	2.8	.7	1.4	.7								5.7	5.5
ESE	.7	1.4		1.4								3.5	8.2
SE		1.4	.7	.7								2.8	7.5
SSE	.7	.7	.7	1.4								3.5	8.6
S	2.8	2.8	4.3	11.3	2.8							24.1	10.5
SSW	2.8	1.4		2.1								6.4	6.1
SW	4.3	1.4										5.7	2.6
WSW	1.4		.7									2.1	4.7
W		.7		1.4								2.1	8.7
WNW		.7	.7	.7								2.1	9.0
NW	1.4	1.4	1.4	2.1								6.4	8.2
NNW	1.4	3.5	2.1	1.4	.7							9.2	7.5
VARBL													
CALM												13.5	
	21.3	20.6	14.2	27.0	3.5							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.5		2.1								5.7	8.6
NNE		.7	.7									1.4	7.0
NE		.7			.7							1.4	13.0
ENE		.7										.7	6.0
E	2.1	1.4										3.5	3.2
ESE			1.4									1.4	8.0
SE			.7									.7	8.0
SSE		2.1	5.0	.7								7.8	8.7
S	5.7	2.8	2.8	11.3	2.1							24.8	9.8
SSW	5.0	2.8	2.8	.7								11.3	5.2
SW	4.3	.7	.7									5.7	3.0
WSW	2.1	.7			.7							3.5	5.6
W	1.4		2.8	1.4								5.7	8.0
WNW	.7			1.4								2.1	9.7
NW	1.4	2.1	.7	.7								5.0	5.4
NNW	3.5	3.5	1.4	2.8	.7							12.1	7.0
VARBL													
CALM												7.1	
	26.2	22.0	19.1	21.3	4.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.8	1.4	.7	.7							7.1	6.7
NNE	.7	.7										1.4	3.0
NE		.7										.7	4.0
ENE													
E			.7									.7	8.0
ESE	1.4											1.4	2.0
SE		1.4										1.4	5.5
SSE	1.4	1.4	3.5	.7								7.1	7.2
S	3.5	4.3	5.7	7.1	.7							21.3	9.0
SSW	9.2	2.8	2.8	.7								15.6	4.6
SW	2.1	2.8										5.0	3.9
WSW	.7											.7	2.0
W		2.8	2.8	.7								3.5	10.0
WNW	.7	3.5	2.8	1.4	.7							9.2	8.5
NW	.7	4.3	1.4									6.4	5.6
NNW	.7	1.4	2.8	3.5								8.5	8.9
VARBL													
CALM												9.9	
	22.7	26.2	24.1	14.9	2.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

09

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		4.3	1.4	.7							7.1	10.7
NNE	.7	2.1										2.8	4.3
NE		2.1	.7									2.8	5.3
ENE													
E	.7	.7	1.4									2.8	6.3
ESE													
SE		2.1	1.4									3.5	6.6
SSE	1.4	2.8	3.5	.7								8.5	7.1
S	2.1	6.4	6.4	7.1	3.5							25.5	9.9
SSW	1.4	3.5	3.5	1.4								9.9	6.8
SW			.7	.7								1.4	11.5
WSW				.7								.7	14.0
W	.7	.7	2.1	1.4								5.0	7.9
WNW		.7	2.1	2.1								5.0	10.3
NW	2.1	2.1	5.0	2.8								12.1	6.2
NNW		2.1	4.3	1.4								7.8	8.6
VARBL													
CALM												5.0	
	9.9	25.5	35.5	19.9	4.3							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901 STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB MONTH

12

ALL WEATHER CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		1.4	2.1		.7						5.0	11.4
NNE	1.4	1.4	.7	.7								4.3	6.3
NE		1.4	1.4									2.8	6.5
ENE													
E	.7	.7	.7									2.1	5.7
ESE		1.4										1.4	4.0
SE		3.5	2.1									5.7	5.9
SSE	2.1	3.5	1.4	2.8	.7							10.6	8.2
S	.7	2.8	4.3	10.6	2.8	2.1						23.4	12.7
SSW		.7	2.1	4.3								7.1	10.9
SW			1.4	1.4								2.8	11.0
WSW		.7	.7	.7								2.1	7.3
W		.7	2.8	1.4	1.4							6.4	11.2
WNW	.7	.7	2.8	2.8		1.4						6.5	11.7
NW		2.1	3.5	2.1	1.4							9.2	9.9
NNW		.7	2.1	4.3								7.1	10.3
VARBL													
CALM												1.4	
	6.4	20.6	27.7	33.3	6.4	4.3						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	2.8			.7						5.7	8.8
NNE	.7	1.4	.7									2.8	6.3
NE		.7	2.1									2.8	7.5
ENE		.7	.7									1.4	6.5
E	.7	.7										1.4	3.5
ESE			.7									.7	7.0
SE	1.4	2.1	.7									4.3	4.8
SSE		2.8	2.8	1.4	.7							7.8	9.2
S	2.8	2.1	7.1	11.3	2.1	2.8						25.4	12.0
SSW			.7	2.8								3.5	12.8
SW	.7	1.4	.7	1.4			.7					5.0	10.9
WSW	.7		.7	.7								2.1	7.3
W		3.5	2.1	1.4	1.4							8.5	10.0
WNW		1.4	2.1	3.5								7.1	9.8
NW		.7	2.8	3.5	.7	.7						8.5	12.8
NNW	.7	1.4	2.8	2.8								7.8	9.0
VARBL													
CALM												2.1	
	8.5	20.6	29.8	29.1	5.0	4.3	.7					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

18

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.3	2.1	2.1	.7							9.9	8.5
NNE	.7	2.1	.7									3.5	4.8
NE													
ENE	.7	2.1										2.8	4.0
E		1.4										1.4	5.0
ESE	.7	2.8	.7									4.3	4.5
SE	3.5	.7	.7	.7								5.7	5.1
SSE	2.1	2.8	7.8	2.1								14.9	7.5
S	.7	3.5	2.8	6.4	2.8	.7						17.0	11.4
SSW	1.4	3.5	.7									5.7	4.4
SW	.7	.7		.7								2.1	6.3
WSW		.7	.7	.7	.7							.7	4.0
W	2.1	.7	.7	.7	.7							5.0	7.9
WNW			.7	3.5								4.3	12.0
NW	.7	.7	5.0	2.1	.7							9.2	9.2
NNW		1.4	6.4	1.4								9.2	8.8
VARBL													
CALM												4.3	
	14.2	27.7	28.4	19.9	5.0	.7						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		5.0	.7	1.4								7.1	7.1
NNE													
NE	.7	1.4										2.1	3.3
ENE	2.8	1.4										4.3	2.6
E	2.1	2.1	.7									5.0	4.3
ESE	1.4	1.4	.7									3.5	4.8
SE		1.4										5.0	11.0
SSE	1.4	4.3	5.7	2.8	.7							13.5	7.6
S	1.4	2.8	5.7	5.7	.7							16.3	9.6
SSW	1.4	1.4	.7	.7								4.3	5.7
SW		.7										.7	6.0
WSW		.7										.7	4.0
W	.7	.7	.7		.7							2.8	9.0
WNW		2.1	1.4	.7								4.3	7.8
NW	2.1	2.8	2.1	.7	.7							8.5	7.3
NNW	.7	2.8	2.1	2.8								8.5	8.2
VARBL													
CALM												13.5	
	14.9	31.2	20.6	17.0	2.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	1.7	1.7	.3	.2						6.8	8.7
NNE	.7	1.2	.5	.1								2.6	5.4
NE	.1	1.1	.5		.1							1.6	6.4
ENE	.4	.6	.1									1.2	4.0
E	1.2	1.0	.6	.1								2.8	4.9
ESE	.5	.9	.4	.2								2.0	5.5
SE	.6	1.6	.6	.5	.1							3.6	6.7
SSE	1.2	2.6	3.8	1.5	.2							9.2	7.9
S	2.5	3.5	4.9	8.9	2.2	.7						22.6	10.7
SSW	2.7	2.0	1.7	1.6								8.0	6.4
SW	1.5	1.0	.4	.5			.1					3.3	6.0
WSW	.6	.4	.3	.3	.1							1.6	6.1
W	.6	.9	1.8	1.1	.5							4.9	9.2
WNW	.3	1.2	1.6	2.0	.1	.2						5.3	9.9
NW	1.1	2.0	2.7	1.8	.4	.1						8.2	8.6
NNW	.9	2.1	3.0	2.6	.2							8.8	8.4
VARBL													
CALM												7.1	
	15.5	24.3	24.9	22.8	4.2	1.2	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

1128

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MONTH
MAR

00

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	.6	1.9	.6							7.1	8.1
NNE	1.9	1.9	1.9									5.8	5.3
NE	1.3	1.3	.6									3.2	4.6
ENE	1.3		.6									1.9	4.3
E	1.3	3.9	2.6									7.7	5.8
ESE	.6	1.3		1.3								3.2	8.2
SE		1.3	4.3	3.2								9.0	9.4
SSE	.6	1.9	3.2	4.5	.6							11.0	9.9
S	2.6	5.2	5.2	11.0	1.6							20.6	11.2
SSW	3.2	1.9		.6								5.8	4.1
SW	.6											.6	2.0
WSW	.6		.6		.6							1.9	10.3
W	1.3		1.3	1.9								4.5	6.3
WNW		.6	1.3	.6								2.6	9.0
NW		1.3	2.6	1.3								5.2	8.4
NNW	.6	1.3	.6	1.3	.6							4.5	9.3
VARBL													
CALM												5.2	
	16.8	20.0	25.8	27.7	4.5							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	1.9	1.3	.6							8.4	7.3
NNE	.6	.6	2.6									3.9	6.5
NE	.6	.6										1.3	3.5
ENE		2.6										2.6	5.0
E	.6	.6	1.3									2.6	6.3
ESE	.6	3.2	.6	2.6								7.1	7.9
SE	.6	.6	3.2	2.6								7.1	9.2
SSE	1.3	1.3	3.2	3.2	.6							9.7	9.4
S	3.2	1.9	3.9	11.0	1.9							21.9	10.7
SSW	3.2	1.3	1.3	.6								6.3	4.8
SW		1.3										1.3	4.5
WSW	.6											.6	2.0
W	2.6	.6	1.3	.6	.6							5.8	7.2
WNW	.6	.6	2.6	1.3								5.2	6.3
NW	.6	1.3	.6	1.9								4.5	8.7
NNW	1.3	1.3	.6	1.3	.6							5.2	8.3
VARBL													
CALM												6.5	
	18.1	21.3	23.2	26.5	4.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	3.9	1.3								8.4	7.5
NNE	.6	1.3										1.9	3.7
NE		3.9	.6									4.5	5.6
ENE		.6										.6	6.0
E	.6	2.6	1.3									4.5	5.9
ESE		2.6	1.9									4.5	6.3
SE	.6	1.3	.6	1.3	.6							4.5	9.9
SSE		2.6	2.6	1.9	.6							7.7	9.3
S	1.3	3.9	7.7	11.0								23.9	9.6
SSW	4.5	1.3	1.9	1.3								9.0	5.9
SW	3.2	.6										3.9	2.3
WSW	2.6		1.3									3.9	4.5
W		1.3		1.3								2.6	8.5
WNW		1.3	.6	.6								2.6	8.0
NW		.6	.6	1.3								2.6	9.5
NNW	1.9	1.3	1.3	3.2								8.4	8.2
VARBL													
CALM												6.5	
	16.8	27.7	24.5	23.2	1.3							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

155

12

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	3.2	2.6								8.4	8.6
NNE	1.3	.6	2.6	.6								5.2	6.9
NE	.6	.6	.6									1.3	6.0
ENE	.6	1.3	2.6									4.5	6.1
E		1.3	.6	2.6								4.5	10.1
ESE	.6	1.3	1.3	1.3								4.5	8.7
SE	.6	1.3	1.3	1.9								5.2	8.9
SSE	2.6	.6	3.2	2.6	1.3							10.3	9.3
S	1.3	1.9	3.9	3.4	4.5							20.0	12.1
SSW		1.3	3.2	2.6	.6							7.7	10.6
SW	.6		1.9									2.6	6.8
WSW			.6									.6	7.0
W	.6	.6	2.6	1.3		.6						5.8	10.4
WNW		.6	.6			.6						1.9	11.3
NW		.6	.6	4.5								5.8	12.7
NNW		.6	3.9	2.6								7.1	9.5
VARBL													
CALM												4.5	
	9.7	14.2	32.9	31.0	6.5	1.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	3.2	1.9	.6							6.5	10.1
NNE	.6	1.9	1.3	.6								4.5	6.6
NE		1.9	1.3	.6								3.9	7.3
ENE		.6	.6									1.3	6.0
E		1.3	2.6	2.6								6.5	8.9
ESE	1.9	1.3	1.9	1.3								6.5	7.1
SE	.6	1.3	.6	1.3								3.9	8.3
SSE	1.3	2.6	4.5	4.5	.6							13.5	9.8
S	1.3	.6	2.6	11.0	5.2	1.3						21.9	14.0
SSW		.6	1.9	1.3	.6	.6						5.2	12.8
SW				1.3	.6							1.9	16.3
WSW				.6	1.3							1.9	17.3
W	.6	1.3		1.3		.6						3.9	10.2
WNW	.6			.6	.6							1.9	10.3
NW	.6		1.9	3.9								6.5	11.2
NNW	.6	1.3	1.9	4.5	.6							9.0	11.3
VARBL													
CALM												1.3	
	8.4	15.5	24.5	37.4	10.3	2.6						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR

MONTH

15

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			3.2	1.3	.6							5.2	10.5
NNE		.6	1.9									2.6	8.8
NE		.6										.6	6.0
ENE	.6	.6	1.9									3.2	6.2
E	1.9	1.9	1.3	1.3	.6							7.1	7.6
ESE	1.3	1.3	.6	3.9								7.1	9.1
SE	.6	.6	1.3	1.3								3.9	8.2
SSE		2.6	3.9	8.4								14.8	10.4
S	.6	.6	1.9	12.3	5.6	1.3						22.6	14.5
SSW		.6	.6		.6							1.9	11.3
SW			1.3	1.3	1.3	.6						3.2	14.4
WSW		1.3	.6	2.6								5.8	12.1
W			1.3	.6		.6						2.6	14.5
WNW		.6	.6	1.3	1.3							3.9	13.0
NW			1.3	3.2								4.5	11.1
NNW	.6	2.6	1.3	4.5	1.3							10.3	10.8
VARBL													
CALM												.6	
	5.8	14.2	23.2	41.9	11.6	2.6						100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR

MONTH

18

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.5	2.6	1.9								9.7	7.8
NNE			1.3	.6								1.9	9.3
NE	1.3		2.6									3.9	6.0
ENE	.6	1.9	.6									3.2	4.6
E	1.3	2.6	1.3	1.3								6.3	6.6
ESE		3.2	.6	2.6								6.3	8.7
SE	.6	3.9	4.5	1.9								11.0	7.5
SSE		1.9	5.2	4.5	.6							12.3	10.3
S		2.6	2.6	10.3	2.6	.6						18.7	12.6
SSW	.6	.6	.6	.6	.6							3.2	9.2
SW		.6										.6	5.0
WSW			1.3	1.3								2.6	12.0
W			1.3	1.3	1.9							4.5	13.9
WNW	.6	1.3	1.9	.6	1.3							5.3	9.7
NW		.6	.6			.6						1.9	13.3
NNW	.6		1.9	3.2								5.8	10.6
VARBL													
CALM												1.9	
	6.5	23.9	29.0	30.3	7.1	1.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

155

12

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR

MONTH

STATION

ALL WEATHER

CLASS

STATION

MONTH

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.9	3.9	3.2								11.6	7.7
NNE	1.3	1.9										3.2	4.6
NE	1.3	1.9	.6									3.9	4.3
ENE	3.2	.6	1.9									5.3	5.0
E		1.9	1.3	.6								3.9	6.7
ESE	1.3	1.3	3.2	1.9	.6							8.4	8.5
SE		2.6	3.2	.6								6.3	7.3
SSE	1.3	1.3	3.9	4.5	1.3	.6						12.9	10.9
S	1.9	.6	5.8	6.5	1.9	.6						17.4	11.6
SSW	.6	2.6										3.2	4.2
SW		1.3										1.3	4.0
WSW		.6	.6		1.3							2.6	13.3
W	1.3	.6		1.3								3.2	7.2
WNW		1.3		1.3								2.6	9.0
NW		1.3		1.9	.6							3.9	11.0
NNW		1.3		.6								1.9	8.3
VARBL													
CALM												7.7	
	14.8	23.2	24.5	22.6	5.3	1.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	2.0	1.9	.3							8.1	8.2
NNE	.8	1.1	1.3	.2								3.6	6.3
NE	.6	1.4	.8	.1								2.8	5.5
ENE	.8	1.0	1.0									2.9	5.4
E	.7	2.0	1.3	1.0	.1							5.4	7.3
ESE	.8	1.9	1.3	1.9	.1							6.0	8.1
SE	.5	1.6	2.4	1.8	.1							6.4	8.5
SSE	.9	1.9	3.7	4.3	.7	.1						11.5	10.0
S	1.5	1.5	4.2	10.2	3.0	.5						20.9	12.0
SSW	1.3	1.3	1.2	.9	.3	.1						5.3	7.5
SW	.6	.3	.4	.3	.1	.1						1.9	7.8
WSW	.5	.2	.6	.6	.6							2.5	10.6
W	.6	.6	1.0	1.2	.3	.2						4.1	9.9
WNW	.2	.8	1.0	.8	.4	.1						3.3	9.8
NW	.2	.7	1.0	2.3	.1	.1						4.4	10.7
NNW	.7	1.3	1.5	2.7	.4							6.3	9.8
VARBL												4.3	
CALM												100.0	8.9
	12.1	20.0	26.0	30.1	6.5	1.1							

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	.7									3.3	5.8
NNE	1.3	.7	1.3									3.3	5.0
NE	.7	2.0										2.7	4.3
ENE		.7	.7									1.3	5.5
E	1.3	1.3	2.0	.7								5.3	6.9
ESE	.7	2.7	2.0	.7								6.0	6.7
SE	.7	.7	3.3	1.3	1.3							7.3	10.6
SSE	.7	2.0	4.0	8.0	1.3							16.0	11.2
S	4.0	4.0	7.3	3.3	.7							19.3	7.3
SSW	3.3	4.0										7.3	3.6
SW	2.0	.7										2.7	2.8
WSW		.7										.7	5.0
W													
WNW	1.3	2.0	1.3	.7								5.3	6.1
NW	2.0	2.0	1.3	2.0								7.3	6.7
NNW	.7	1.3	.7	1.3								4.0	8.7
VARBL													
CALM												8.0	
	18.7	27.3	24.7	18.0	3.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901 DALLAS, TEXAS

73-77

APR

STATION NAME
STATION
MONTH
03
HOURS (L.S.T.)

ALL WEATHER
CLASS

YEARS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0										4.0	3.5
NNE	1.3	1.3	.7									3.3	4.0
NE				.7								.7	11.0
ENE		1.3	.7									2.0	5.7
E		1.3	.7	.7								2.7	8.3
ESE	1.3	2.0										3.3	3.4
SE	1.3	2.0	3.3	2.7								9.3	6.1
SSE	.7	2.7	4.7	4.7	.7	.7						14.0	10.3
S	2.7	5.3	6.0	5.3	.7							20.0	8.7
SSW	1.3	4.7	.7	.7								7.3	5.3
SW	2.0											2.0	2.7
WSW	2.0		1.3									3.3	4.0
W		.7	1.3									2.0	8.0
WNW		2.7	.7									3.3	5.8
NW		1.3	1.3	2.0								4.7	8.7
NNW	1.3	1.3	1.3									4.0	5.0
VARBL													
CALM												14.0	
	16.0	28.7	22.7	16.7	1.3	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.3	.7								4.7	5.9
NNE	1.3	.7										2.0	3.0
NE			.7									.7	7.0
ENE	.7	2.0	.7									3.3	5.6
E	1.3	2.0	1.3									4.7	5.1
ESE	2.0	2.0	1.3	.7								6.0	6.1
SE	1.3	3.3	1.3	2.0								8.0	7.5
SSE	.7	2.0	6.7	2.0								11.3	8.5
S	2.0	6.0	8.0	2.7								18.7	7.8
SSW	2.0	4.0	2.0									8.0	5.1
SW	2.7	.7										3.3	2.8
WSW		1.3	.7									2.0	5.0
W	1.3		1.3									2.7	5.3
WNW		2.7	2.0	2.0								6.7	8.8
NW	.7	2.0		2.0								4.7	8.0
NNW	2.0	.7		1.3								4.0	6.0
VARBL													
CALM												9.3	
	19.3	30.7	27.3	13.3								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME 73-77 YEARS MONTH APR 09 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0		2.0	.7							6.0	8.1
NNE	1.3	1.3										2.7	3.0
NE	.7											.7	3.0
ENE				.7								.7	11.0
E	1.3	1.3	2.0	2.7								7.3	8.6
ESE		2.0	2.7	1.3								6.0	8.6
SE	.7	2.0	3.3	2.7		.7						9.3	9.6
SSE	.7	3.3	7.3	5.3	.7							17.3	9.7
S	1.3	2.7	7.3	3.3	.7							15.3	8.6
SSW	.7	3.3	3.3	2.0								9.3	7.4
SW	1.3	.7	.7									2.7	5.3
WSW				.7								.7	13.0
W		.7				.7						1.3	13.5
WNW			2.0	.7								2.7	9.5
NW	.7		2.0	4.7	.7							8.0	11.8
NNW	2.0	2.7	.7	.7	.7							6.7	7.0
VARBL													
CALM												3.3	
	12.0	22.0	31.3	26.7	3.3	1.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME 73-77 YEARS APR MONTH 12 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.0	2.7								7.3	6.4
NNE		.7										.7	6.0
NE		1.3	.7									2.0	5.3
ENE	.7	.7										1.3	4.5
E	.7	1.3	2.0	.7								4.7	7.3
ESE	.7	1.3	2.0	.7								4.7	7.4
SE		1.3	2.7	.7								4.7	7.7
SSE	1.3	2.7	7.3	9.3	1.3	.7						22.7	10.8
S	.7	2.7	8.7	7.3	.7	.7						20.7	10.7
SSW	.7		1.3	2.7								4.7	9.7
SW			1.3	.7								2.0	10.0
WSW		1.3										1.3	5.0
W		.7	2.0	2.0	.7	.7						6.0	12.3
WNW		2.0	.7	1.3								4.0	9.0
NW			1.3	2.0	.7							4.0	13.2
NNW	1.3	.7	2.7	2.7								7.3	9.2
VARBL													
CALM												2.0	
	6.7	18.7	34.7	32.7	3.3	2.0						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.0									2.0	8.0
NNE		.7	.7									1.3	7.5
NE			.7	.7								1.3	11.0
ENE		.7	.7									1.3	7.5
E		1.3	.7	1.3								3.3	8.8
ESE	.7	1.3	2.7	1.3	.7							6.7	8.8
SE	2.7	4.0	2.7	1.3	.7							11.3	7.1
SSE	1.3	4.7	10.0	8.7	.7	.7						26.0	10.0
S		.7	4.7	6.7	.7							12.7	11.8
SSW	.7	1.3	1.3	.7								4.0	7.0
SW		.7		1.3								2.0	9.7
WSW	.7	1.3	.7	1.3	.7							1.3	9.5
W	.7	.7	.7	2.0	.7							4.0	8.0
WNW		1.3	1.3	2.0								4.0	11.5
NW	.7	.7	4.7	4.7								4.7	9.0
NNW												10.7	10.6
VARBL													
CALM												3.3	
	7.3	19.3	33.3	32.0	4.0	.7						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

150

1225

10170 54221

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	2.0									4.0	5.7
NNE	.7	.7	2.0									3.3	6.4
NE													
ENE		.7	.7	.7								2.0	8.3
E	2.0	2.0	2.7	.7								7.3	5.7
ESE	.7	2.0	3.3	1.3	1.3							8.7	9.5
SE	.7		6.7	6.0	.7							16.0	10.5
SSE	.7	2.7	5.3	8.0	.7							17.3	10.2
S		3.3	6.0	1.3	.7							11.3	8.5
SSW		.7	1.3									2.0	6.3
SW		.7	.7									1.3	8.0
WSW		.7	.7	.7								1.3	8.5
W		.7										.7	4.0
WNW		.7	1.3	2.7	.7							5.3	11.5
NW	1.3	.7	3.3	.7	.7							6.7	8.2
NNW	.7	4.0	2.7	.7								8.0	6.4
VARBL													
CALM												4.7	
	7.3	20.7	40.0	22.7	4.7							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901 DALLAS, TEXAS

73-77

APR

STATION NAME

YEARS

MONTH

ALL WEATHER

21

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0		1.3								4.0	6.7
NNE		.7	1.3									2.0	7.3
NE	2.7	.7										3.3	3.0
ENE	1.3	.7	.7									2.7	5.0
E	2.0	2.7	2.7	.7	.7							8.7	7.0
ESE	.7	4.0	4.0									8.7	6.2
SE		5.3	6.0	6.0	.7							18.0	9.3
SSE	2.0	4.0	6.7	2.7	.7							16.0	8.4
S	2.0	2.7	4.7	1.3	.7							11.3	7.8
SSW	.7											.7	1.0
SW		.7										.7	4.0
WSW	.7											.7	2.0
W		2.7	.7									2.7	5.5
WNW	.7	.7	.7	1.3								3.3	9.2
NW		2.0	1.3	.7								4.0	7.3
NNW	1.3	2.0	1.3		.7							5.3	7.1
VARBL													
CALM												8.0	
	14.7	30.7	29.3	14.0	3.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

130

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901 STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	1.0	.8	.1							4.4	6.7
NNE	.7	.8	.7									2.3	5.0
NE	.5	.5	.2	.2								1.4	5.4
ENE	.3	.8	.5	.2								1.8	6.2
E	1.1	1.7	1.7	.9	.1							5.5	7.1
ESE	.8	2.2	2.2	.7	.2							6.2	7.4
SE	.9	2.3	3.9	2.8	.4	.1						10.5	9.0
SSE	1.0	3.0	6.5	6.1	.7	.2						17.6	10.0
S	1.6	3.4	6.6	3.9	.6	.1						16.2	8.9
SSW	1.2	2.2	1.2	.7								5.4	6.0
SW	1.0	.5	.3	.2								2.1	5.3
WSW	.4	.5	.2	.2	.1							1.4	5.9
W	.2	.8	.7	.4	.1	.2						2.4	8.9
WNW	.2	1.4	1.2	1.3	.2							4.3	8.9
NW	.6	1.2	1.5	2.0	.2							5.5	9.1
NNW	1.2	1.7	1.7	1.4	.2							6.2	7.9
VARBL													
CALM												6.6	
	12.7	24.7	30.4	22.0	2.4	.6						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

1200

AD-A060 610

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), DALLAS,--ETC(U)
JUL 78

F/G 4/2

UNCLASSIFIED

NL

2 OF 4
AD
A060610



1 F 1 E D

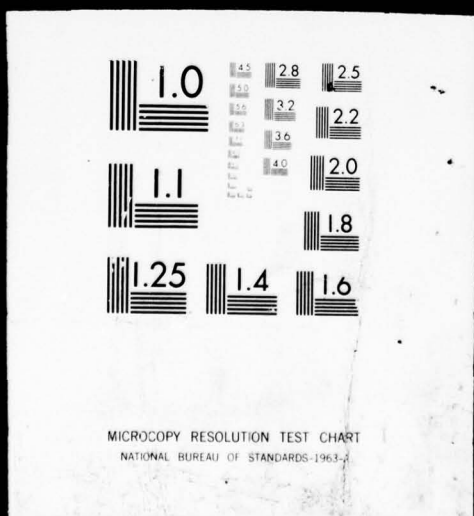
2

OF

4

AD

A060610



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS

73-77

MAY

STATION NAME

YEARS

MONTH

ALL WEATHER

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	1.9									3.9	6.5
NNE	.6	.6		.6								1.9	6.7
NE	1.3	1.3										2.6	4.0
ENE	.6	.6										1.3	3.5
E	1.3	1.3	1.3									3.9	4.5
ESE		2.6	1.9									4.5	6.1
SE	.6	3.2	3.2	1.3	.6							9.0	8.2
SSE	1.3	3.9	3.9	4.5	1.3							14.8	9.2
S	5.2	6.5	10.3	5.8								27.7	7.4
SSW	3.2	2.6										5.8	3.2
SW	1.3	1.9										3.2	3.4
WSW	1.9											1.9	2.7
W				.6								.6	15.0
WNW	1.9	1.3										3.2	3.2
NW	1.3	1.3	1.3									3.9	5.2
NNW		1.3	.6	.6								2.6	8.0
VARBL													
CALM												9.0	
	21.3	29.7	24.5	13.5	1.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

155

10170 54327 1725

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

73-77

MAY

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9	2.6	.6								7.1	6.5
NNE	.6	1.9	.6									3.2	4.8
NE	.6	.6										1.3	4.5
ENE		1.9	.6									2.6	6.0
E	.6	.6	1.3	.6								3.2	7.4
ESE	.6	.6		1.3								2.6	7.5
SE	1.9	2.6	1.9									6.5	5.0
SSE	1.9	2.6	3.2	1.9								9.7	7.1
S	1.9	9.7	12.9	4.5								29.0	7.6
SSW	4.5	2.6	2.6									9.7	4.3
SW	1.3											1.3	1.5
WSW	.6											.6	2.0
W				.6								.6	11.0
WNW	1.3	.6										1.9	3.3
NW		1.9	1.9									3.9	6.8
NNW	2.6	.6	1.3									4.5	4.7
VARBL													
CALM												12.3	
	16.7	30.3	29.0	9.7								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	1.3										4.5	3.3
NNE	3.2	1.3	.6	.6								5.8	4.8
NE													
ENE	.6											.6	3.0
E		2.6										2.6	4.5
ESE	.6	2.6	.6									3.9	5.8
SE	1.9	1.9	1.9	.6								4.5	7.7
SSE	1.9	3.9	5.8	1.9								13.5	7.0
S	.6	6.4	10.3	4.5								23.9	7.7
SSW	3.9	1.3	.6									5.8	3.2
SW	.6	1.3										1.9	3.3
WSW	.6											.6	2.0
W	.6	1.3	.6	.6								2.6	6.3
WNW	1.9		.6									2.6	3.8
NW		.6	1.3	.6								1.9	7.7
NNW	3.2	1.9	1.3	.6								7.1	5.0
VARBL													
CALM												18.1	
	21.3	28.4	23.2	9.0								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

STATION

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		1.9	1.3								3.9	8.3
NNE	.6	3.9	.6	.6								5.8	6.0
NE		1.3	.6									1.9	6.3
ENE		1.9	1.3									3.2	6.4
E	1.3	1.9	2.6									5.8	6.0
ESE	1.9	2.6	1.3	.6								6.5	5.6
SE	.6	.6	1.9	.6								3.9	7.3
SSE	3.2	3.2	4.5	1.9								12.9	6.9
S	.6	3.9	12.9	11.6	1.3							30.3	10.0
SSW		1.3	2.6	.6								4.5	7.9
SW	.6											.6	2.0
WSW		.6										.6	4.0
W		1.3	.6									1.9	6.0
WNW		.6	1.9	.6								3.2	9.2
NW	.6		1.3	1.3								3.2	8.8
NNW	.6	2.6	1.9	1.3								6.5	7.4
VARBL													
CALM												5.2	
	11.0	25.8	36.1	20.6	1.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	2.6									6.5	6.5
NNE	1.3	3.2		.6								5.2	5.4
NE	.6	2.6		.6								3.9	6.3
ENE		.6	1.9									2.6	6.8
E	1.3	1.9	.6									3.9	5.2
ESE	.6	1.3	1.3									3.2	7.0
SE	.6	2.6	1.3									4.5	6.1
SSE	.6	6.5	9.0	3.9								20.0	8.3
S	1.9	7.7	8.4	10.3	.6							29.0	9.1
SSW			2.6	1.3								3.9	9.5
SW			.6	.6								1.3	10.5
WSW		.6		1.3								1.3	10.0
W	.6		.6									1.3	5.5
WNW				.6								.6	13.0
NW	.6	1.3	.6	.6								3.2	7.0
NNW	.6	2.6	1.9	1.9								7.1	7.4
VARBL													
CALM												1.9	
	9.7	34.2	21.6	21.9	.6							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

YEARS

73-77

MAY

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	2.6	1.9								5.8	8.7
NNE	.6	3.2	1.3									5.2	5.3
NE	.6	1.9	.6	.6								3.9	6.2
ENE			.6									.6	8.0
E	1.3	1.3	.6									3.2	4.8
ESE	.6	3.2	1.9			.6						6.5	7.7
SE	.6	5.8	5.8	3.9								16.1	7.7
SSE	.6	3.9	7.1	2.6								14.2	8.5
S		3.9	6.5	14.2								24.5	10.0
SSW		1.3	.6	.6								2.6	8.0
SW			.6									.6	8.0
WSW			.6	1.3								1.9	11.7
W		1.3	1.3	1.3								3.9	8.8
WNW	1.3	1.3	1.3	.6								4.5	6.4
NW		1.3	.6									1.9	6.3
NNW			1.9	1.3								3.2	10.8
VARBL												1.3	
CALM												100.0	8.2
	6.5	29.0	34.2	28.4		.6							

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

STATION

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	1.9		.6							5.8	6.6
NNE	.6	1.3	1.9	.6								4.5	6.6
NE	.6	.6	.6									1.9	5.0
ENE		.6	1.3									1.9	7.3
E	.6	3.2	2.6									6.5	6.5
ESE		3.2	3.2	.6								7.1	7.5
SE		1.3	7.7	1.9								11.0	8.3
SSE	1.3	3.2	11.0	5.8	.6							21.9	8.9
S	1.9	3.9	8.4	5.2								19.4	8.5
SSW		1.9										1.9	5.0
SW	.6											.6	2.0
WSW		.6										.6	5.0
W	.6		.6	.6								1.9	7.7
WNW	1.3	.6	1.3									3.2	5.4
NW	.6		.6									1.3	5.0
NNW	.6	1.3	4.5	.6								7.1	8.3
VARBL													
CALM												3.2	
	10.3	23.9	45.8	15.5	1.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

STATION

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	3.2									5.2	6.9
NNE		1.3	.6	.6								2.6	8.3
NE	1.3	.6										1.9	2.7
ENE	1.3	1.3										2.6	3.5
E	2.6	4.5	.6									7.7	4.6
ESE	1.3	4.5	3.2									9.0	5.9
SE	.6	7.7	7.7	2.6								18.7	7.3
SSE	3.2	3.2	7.7	1.9	.6							16.8	7.7
S	3.9	5.2	1.3	4.5								14.8	7.2
SSW	1.9	.6										2.6	2.8
SW													
WSW	.6	.6										1.3	4.0
W	.6	.6										1.3	4.5
WNW		.6		.6								1.3	9.0
NW	1.3	1.3	.6	.6								3.9	5.5
NNW		1.9			.6							2.6	8.5
VARBL													
CALM												7.7	
	19.4	35.5	25.2	11.0	1.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

ALL

CLASS

MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	2.1	.5	.1							5.3	6.7
NNE	1.0	2.1	.7	.5								4.3	5.8
NE	.6	1.1	.2	.2								2.2	5.3
ENE	.3	.9	.7									1.9	5.7
E	1.1	2.2	1.2	.1								4.6	5.5
ESE	.7	2.6	1.7	.3		.1						5.4	6.6
SE	.6	3.2	4.0	1.4	.1							9.3	7.4
SSE	1.8	3.8	6.5	3.1	.3							15.5	8.1
S	2.0	6.1	8.9	7.6	.2							24.8	8.5
SSW	1.7	1.3	1.1	.3								4.6	5.1
SW	.6	.4	.2	.1								1.2	4.2
WSW	.5	.3	.1	.3								1.2	6.3
W	.3	.6	.4	.5								1.8	7.5
WNW	1.0	.6	.6	.3								2.6	5.9
NW	.6	1.0	1.0	.3								2.9	6.6
NNW	1.0	1.3	1.7	.8	.1							5.1	7.2
VARBL													
CALM												7.3	
	14.8	29.6	31.2	16.2	.8	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.3									2.7	6.3
NNE	1.3	.7	.7									2.7	4.3
NE	.7	.7										1.3	3.5
ENE	2.0	1.3	.7									4.0	4.2
E	.7	2.0	.7									3.3	4.6
ESE	1.3	4.7	4.0	.7								10.7	6.3
SE	2.0	3.3	4.7	.7								10.7	6.5
SSE	1.3	2.0	4.7	3.3	.7							12.0	9.3
S	4.7	9.3	12.7	5.3	.7							32.0	7.3
SSW	4.0	2.7	.7									8.0	5.2
SW	1.3											1.3	1.5
WSW	.7				.7							1.3	10.0
W													
WNW			.7									.7	8.0
NW	.7	.7	.7									2.0	5.3
NNW	.7	.7										1.3	3.5
VARBL													
CALM												6.0	
	22.0	28.7	31.3	10.0	2.0							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS

73-77

JUN

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

03

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.3									3.3	5.8
NNE	.7											.7	2.0
NE	2.0	.7										2.7	3.0
ENE		1.3										1.3	5.0
E	2.7	3.3		.7								6.7	5.0
ESE	.7	3.3	.7									4.7	5.3
SE	2.0	2.7	.7	1.3								6.7	6.7
SSE	.7	1.3	4.0	3.3	.7							10.0	9.8
S	3.3	6.7	15.3	8.7	.7							36.7	8.5
SSW	4.7	4.0	.7									9.3	3.4
SW	.7	.7										1.3	3.5
WSW													
W					.7								
WNW												.7	20.0
NW	.7	.7										1.3	3.5
NNW	1.3			.7								2.0	6.0
VARBL													
CALM												12.7	
	20.0	28.0	22.7	14.7	2.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

130

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME YEARS 73-77 MONTH JUN NORTH 06 HOURS (L.S.T.) 06

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	5.5
NNE		1.3										1.3	5.0
NE	.7	.7										1.3	3.5
ENE	1.3	2.0										3.3	3.2
E	1.3	2.0	1.3									4.7	4.6
ESE	2.7	2.0	.7	.7								6.0	5.1
SE	1.3	2.7	2.7	.7								7.3	6.3
SSE		2.0	4.0	1.3								7.3	8.6
S	2.0	6.7	16.0	6.7								31.3	8.0
SSW	2.7	3.3	2.0									8.0	5.0
SW	2.7											2.7	1.8
WSW	4.0	1.3										5.3	2.8
W													
WNW				.7								.7	16.0
NW		2.0										2.0	5.7
NNW	4.0											4.0	2.8
VARBL													
CALM												13.3	
	22.7	27.3	26.7	10.0								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.3									4.0	5.7
NNE	.7	1.3	.7									2.7	4.3
NE	.7	2.0		.7								3.3	5.8
ENE	1.3	3.3										4.7	4.3
E	.7	1.3	1.3									3.3	5.2
ESE	1.3	.7										2.0	3.3
SE	2.0	.7	.7	1.3								4.0	6.7
SSE	.7	4.0	2.7	.7	1.3							9.3	8.3
S	2.0	4.0	18.0	16.0		.7						40.7	10.2
SSW		4.0	4.7	2.0								10.7	7.7
SW	.7	1.3	1.3		.7							4.0	8.2
WSW		.7										.7	5.0
W	.7	.7										1.3	4.0
WNW		.7										.7	4.0
NW	.7	.7										1.3	3.5
NNW		.7	.7									1.3	7.0
VARBL													
CALM												6.0	
	12.7	26.7	31.3	20.7	2.0	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

190

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	1.3									5.3	5.4
NNE	1.3	3.3										4.7	4.1
NE	.7	2.0	.7									3.3	4.8
ENE	.7	.7										1.3	4.0
E	4.7	1.3	.7									6.7	3.3
ESE	2.0	.7	2.0									4.7	4.9
SE	2.0	1.3				.7						4.0	6.8
SSE	3.3	5.3	2.0	4.0	.7							15.3	7.7
S	.7	6.7	18.0	14.0		.7						40.0	9.8
SSW	.7	.7	3.3	1.3								6.0	8.8
SW	.7	.7		.7								1.3	8.5
WSW	1.3	.7										2.0	3.0
W													
WNW		.7										.7	4.0
NW	.7											.7	3.0
NNW		.7	2.0									2.7	7.8
VARBL													
CALM												1.3	
	19.3	27.3	30.0	20.0	.7	1.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	.7									4.7	4.7
NNE		3.3	.7									4.0	5.2
NE	.7	1.3	.7									2.7	5.3
ENE		3.3										3.3	6.0
E	2.0	4.0										6.0	4.1
ESE		1.3	2.7	.7								4.7	7.9
SE	.7	1.3	1.3	.7								4.0	6.8
SSE	1.3	5.3	6.0	5.3								18.0	8.3
S	2.7	7.3	14.0	10.0	3.3							37.3	9.6
SSW	1.3	.7	.7	1.3	.7							4.7	9.3
SW			.7									.7	10.0
WSW	.7	.7										1.3	3.5
W	.7											.7	2.0
WNW	.7											.7	3.0
NW			1.3									1.3	8.5
NNW		1.3	1.3									2.7	6.5
VARBL													
CALM												3.3	
	12.7	32.0	30.0	18.0	4.0							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

STATION

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.3	.7								4.0	6.2
NNE	1.3	1.3	.7	.7								4.0	6.0
NE	.7	2.0		.7								3.3	6.2
ENE	1.3	1.3	.7									3.3	4.2
E	2.0	8.7	2.7	.7								14.0	5.7
ESE		2.7	2.0	2.7								7.3	8.5
SE	.7	2.7	2.7									6.0	7.0
SSE	1.3	2.7	9.3	8.7	.7							22.7	10.3
S		8.0	12.7	7.3	.7							28.7	8.9
SSW		.7	.7	.7								2.0	9.7
SW	.7											.7	2.0
WSW		.7										.7	4.0
W													
WNW													
NW		.7										.7	5.0
NNW	1.3	.7										2.0	3.3
VARBL													
CALM												.7	
	10.0	33.3	32.7	22.0	1.3							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.7	.7									2.7	4.0
NNE	.7	2.0										2.7	4.0
NE		2.7	.7									3.3	5.0
ENE	2.7	.7										3.3	3.0
E	2.0	5.3	1.3	.7								9.3	5.4
ESE	2.7	6.7	4.0	2.0								15.3	6.2
SE	1.3	3.3	8.0	2.7								15.3	7.9
SSE	1.3	5.3	10.7	4.0	.7							22.0	8.4
S	4.0	8.0	4.0	2.7								18.7	6.0
SSW	1.3	.7										2.0	2.7
SW													
WSW													
W													
WNW													
NW	.7	.7										1.3	3.0
NNW	.7											.7	2.0
VARBL													
CALM												3.3	
	18.7	36.0	29.3	12.0	.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER

CLASS

ALL
MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	1.0	.1								3.5	5.4
NNE	.7	1.7	.3	.1								2.8	4.6
NE	.7	1.5	.2	.2								2.7	4.9
ENE	1.2	1.7	.2									3.1	4.2
E	2.0	3.5	1.0	.2								6.7	4.9
ESE	1.3	2.7	2.0	.8								6.9	6.3
SE	1.5	2.2	2.6	.9		.1						7.2	7.0
SSE	1.2	3.5	3.4	3.8	.6							14.6	8.9
S	2.4	7.3	13.8	8.8	.6	.2						33.2	8.8
SSW	1.8	2.1	1.6	.7	.2							6.3	6.2
SW	.7	.3	.2	.1	.1							1.5	5.3
WSW	.8	.5			.1							1.4	3.9
W	.2	.1										.2	3.3
WNW	.1	.2	.1	.1	.1							.5	9.2
NW	.4	.7	.2									1.3	4.9
NNW	1.0	.5	.5	.1								2.1	5.0
VARBL													
CALM												5.8	
	17.2	29.9	29.2	15.9	1.6	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6		.6								2.6	4.5
NNE													
NE	1.3											1.3	1.3
ENE		1.9										1.9	5.0
E	2.6	2.6	1.9									7.1	4.9
ESE	.6	2.6	1.3									4.5	5.0
SE	1.9	3.9	1.3									7.1	4.5
SSE	1.9	6.4	5.8	2.6								18.8	6.9
S	3.9	20.8	13.6	1.9								40.3	6.3
SSW	1.3	1.3	1.9									4.5	5.3
SW	.6											.6	1.0
WSW													
W													
WNW													
NW	.6											.6	3.0
NNW													
VARBL													
CALM												10.4	
	16.2	42.2	26.0	5.2								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

154

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.6	10.0
NNE													
NE		.6										.6	4.0
ENE	.6	1.3										1.9	3.7
E	1.3	1.3										2.6	3.5
ESE	1.3	1.3										2.6	3.0
SE	.6	3.2	.6	.6								5.2	5.8
SSE	.6	3.2	2.6									6.5	6.0
S	5.2	11.6	16.1	1.3								34.2	6.2
SSW	10.3	5.6	5.2	1.3								22.6	4.8
SW	2.6	1.3										3.9	2.5
WSW	.6											.6	2.0
W													
WNW		.6										.6	4.0
NW	.6	.6										1.3	4.0
NNW	.6	.6	.6									1.9	4.3
VARBL													
CALM												14.8	
	24.5	31.6	25.8	3.2								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

06

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	2.5
NNE	.6	1.3										1.9	3.3
NE	1.3											1.3	2.0
ENE	.6	1.3										1.9	4.0
E	.6	1.9										2.6	3.8
ESE	2.6	2.6										5.2	3.5
SE	1.9	1.9	.6									4.5	3.9
SSE	.6	1.9	1.9	.6								5.2	7.1
S	3.9	14.8	9.0									27.7	5.6
SSW	11.0	9.7	4.5									25.2	4.2
SW	5.2	.6										5.8	2.1
WSW	.6											.6	2.0
W	.6											.6	3.0
WNW													
NW	.6											.6	2.0
NNW													
VARBL													
CALM												15.5	
	31.6	36.1	16.1	.6								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

155

1225
1225 5421

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.6										2.6	2.8
NNE			.6									.6	8.0
NE													
ENE	.6	.6										1.3	3.0
E	1.9	1.3	.6									3.9	4.2
ESE	1.3	.6	.6									2.6	5.3
SE	2.6	2.6										5.2	3.5
SSE	4.5	3.9	1.9	.6								11.0	5.0
S	3.2	5.8	11.0	6.5								26.5	7.6
SSW	1.3	7.7	9.0	1.3								19.4	7.0
SW	2.6	1.9	1.3									5.8	4.6
WSW	.6	1.3	1.3									3.2	5.8
W	1.9	1.9	1.3									5.2	4.8
WNW													
NW	.6			.6								1.3	7.0
NNW		1.3										1.3	4.5
VARBL													
CALM												10.3	
	23.2	29.7	27.7	9.0								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE		1.9		.6								2.6	6.8
NE		.6										.6	4.0
ENE	.6		.6	.6								1.9	8.0
E	1.9	2.6	.6									5.2	4.4
ESE	1.9	3.2	1.9									7.1	4.8
SE	2.6	1.9	1.3									5.8	4.2
SSE	5.2	9.7	7.7	.6								23.2	5.7
S	2.6	9.0	12.3	4.5								28.4	7.5
SSW	1.9	1.3	3.9	.6	.6							8.4	7.9
SW	.6	.6	1.3									1.9	7.0
WSW	.6	3.9	.6									5.2	5.4
W	.6		.6									1.3	4.5
WNW	1.9	.6	.6									3.2	4.0
NW			.6									.6	7.0
NNW		1.3										1.3	4.0
VARBL													
CALM												2.6	
	20.0	37.4	32.3	7.1	.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

155

FD 2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER
CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	.6									3.9	4.7
NNE	.6											.6	1.0
NE	1.3	1.9	2.6	1.3								7.1	6.7
ENE	1.9	.6	.6									3.2	4.4
E	.6	4.5		.6	.6							6.5	6.8
ESE	1.3		1.3									2.6	5.8
SE	1.9	2.6	5.2	1.3								11.0	7.0
SSE	1.3	7.7	11.6	1.9								22.6	7.2
S	1.3	6.5	9.7	3.2								20.6	7.7
SSW	.6	2.6	2.6	1.9								7.7	7.5
SW	1.3	.6										1.9	3.7
WSW	.6											.6	3.0
W	.6											.6	3.0
WNW		1.3	.6									1.9	5.7
NW	1.3		.6									1.9	4.3
NNW	1.3											1.3	3.0
VARBL													
CALM												5.8	
	16.8	31.0	35.5	10.3	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

18

MOORE (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	.6		.6							4.5	5.9
NNE	1.3	1.9										3.2	3.6
NE	.6	.6		.6								1.9	7.7
ENE	1.3	1.3	1.3	.6								4.5	6.4
E	1.3	6.5	3.9									11.6	5.7
ESE	.6	2.6	2.6	.6								6.5	6.9
SE	.6	3.2	7.1	.6								11.6	8.1
SSE	.6	6.5	13.5	1.9								22.6	8.0
S	1.3	8.4	10.3	2.6								22.6	7.4
SSW		.6	1.3									1.9	7.3
SW													
WSW		.6										.6	5.0
W			.6									.6	8.0
WNW	.6											.6	2.0
NW													
NNW	.6	2.6										3.2	5.0
VARBL													
CALM												3.9	
	11.0	36.1	41.3	7.1	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

120000

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.6	10.0
NNE	1.9											1.9	2.0
NE	1.3											1.3	1.0
ENE	1.9	1.3	.6									3.9	3.7
E	1.3	6.5	3.2	.6								11.6	5.9
ESE		7.7	5.2									12.9	6.0
SE	.6	9.7	11.0	.6								21.9	6.9
SSE	.6	5.8	5.8	.6								12.9	7.1
S	6.5	4.5	5.2									16.1	5.0
SSW	1.9	1.3	1.3									4.5	4.0
SW													
WSW													
W													
WNW			.6									.6	10.0
NW	.6											.6	2.0
NNW	.6	.6										1.3	4.0
VARBL													
CALM												9.7	
	17.4	37.4	33.5	1.9								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.7	.3	.1	.1							2.1	5.0
NNE	.6	.6	.1	.1								1.4	4.1
NE	.7	.3	.3	.2								1.8	5.2
ENE	1.0	1.0	.4	.2								2.6	4.9
E	1.5	3.4	1.3	.2	.1							6.4	5.3
ESE	1.2	2.6	1.6	.1								5.5	5.3
SE	1.6	3.6	3.4	.4								9.0	6.1
SSE	1.9	5.9	6.4	1.1								15.3	6.7
S	3.5	10.2	10.9	2.5	.1							27.0	6.7
SSW	3.6	3.8	3.7	.6								11.3	5.6
SW	1.5	.6	.3									2.5	3.5
WSW	.4	.7	.2									1.4	4.9
W	.5	.2	.3									1.0	4.7
WNW	.3	.3	.2									.9	4.8
NW	.6	.1	.2	.1								.9	4.5
NNW	.4	.8	.1									1.3	4.3
VARBL													
CALM												9.1	
	20.1	35.2	29.8	5.6	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1239

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 93901 DALLAS, TEXAS STATION NAME YEARS 73-77 MONTH AUG HOURS (L.S.T.) 00

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3		.6								2.6	6.3
NNE													
NE	1.3			.6								1.9	5.7
ENE	1.3	.6										1.9	3.3
E	1.3	5.2	1.9									8.4	5.1
ESE	3.2	4.5	5.8									13.5	6.1
SE	1.3	4.5	5.8	1.3								12.9	7.6
SSE		3.8	7.1	1.9								14.8	7.6
S	.6	11.0	12.9	1.3								25.3	7.1
SSW	5.2	2.6										7.7	2.9
SW	.6											.6	2.0
WSW	.6											.6	3.0
W	.6											.6	1.0
WNW	.6											.6	1.0
NW													
NNW	.6											.6	3.0
VARBL													
CALM												7.1	
	18.1	35.5	33.5	5.8								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE	1.9	.6	.6	.6								3.9	5.3
NE	.6											.6	1.0
ENE	.6	.6	.6									1.9	4.3
E	1.3	.6	.6									2.6	4.8
ESE		2.6										2.6	5.3
SE	1.9	6.5	1.9									10.3	4.9
SSE	1.3	7.7	9.0	.6								18.7	6.6
S	2.6	14.8	11.0	.6								29.0	6.1
SSW	7.1	3.2	1.3									11.6	3.4
SW	1.3											1.3	2.0
WSW													
W													
WNW													
NW	.6	.6	.6									3.3	3.5
NNW	.6	.6	.6									1.9	5.7
VARBL													
CALM												13.5	
	20.0	38.7	25.8	1.9								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

155

12000 2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

73-77

AUG

YEARS

ALL WEATHER
CLASS

MONTH
06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											.6	3.0
NNE	1.9											1.9	2.0
NE	1.3	.6										1.9	3.7
ENE	2.6	1.9	.6	.6								5.8	4.4
E	2.6	1.3	1.3									5.2	4.8
ESE	.6	2.0										3.2	4.6
SE	.6	5.2	1.3	.6								7.7	5.8
SSE	4.5	7.1	1.3									12.9	4.1
S	5.8	11.0	7.7	1.3								25.8	5.5
SSW	7.7	7.1	.6									15.3	3.8
SW	1.9											1.9	1.7
WSW	.6											.6	1.0
W													
WNW													
NW			.6									.6	8.0
NNW	.6	1.9										2.6	4.5
VARBL													
CALM												13.5	
	31.6	38.7	13.5	2.6								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET CMO

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

09

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		1.3									2.6	5.5
NNE	.6	1.3										1.9	4.3
NE	.6	.6										1.3	4.0
ENE	1.3	.6	.6	.6								3.2	6.2
E	1.3	1.3	1.3									3.9	5.0
ESE	2.6	3.2		.6								6.5	4.6
SE	1.3	3.9	.6									5.8	4.4
SSE	3.9	6.5	3.2									13.5	5.0
S	3.9	11.6	11.6	2.6								29.7	6.8
SSW	1.9	5.2	3.2	3.2								13.5	7.0
SW	1.3	2.6	1.3									5.2	5.3
WSW	1.9	1.3	.6									3.9	4.5
W	.6											.6	2.0
WNW		.6										.6	4.0
NW		.6										.6	4.0
NNW												.6	7.0
VARBL													
CALM													
	22.6	39.4	24.5	7.1								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

12

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3		1.9								3.2	9.2
NNE		2.6	.6									3.2	6.2
NE		2.6		.6								3.2	6.8
ENE			.6									.6	7.0
E	3.9	3.2		.6								7.7	4.2
ESE	2.6	3.2										5.8	3.4
SE	5.2	9.7	.6									15.5	3.7
SSE	5.8	9.7	8.4	.6								24.5	5.9
S	1.9	5.8	7.7	2.6								18.1	7.0
SSW	.6	1.9	2.6									5.2	6.8
SW	.6	1.9										2.6	4.3
WSW	1.3		.6									1.9	4.7
W	.6											.6	3.0
WNW													
NW			.6									.6	10.0
NNW													
VARBL													
CALM												7.1	
	22.6	41.9	21.9	6.5								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

15

15

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9		.6								2.6	7.0
NNE	.6	.6	1.9									3.2	6.8
NE	1.9	.6	.6	1.3								4.5	6.3
ENE	1.3		1.3									2.6	5.5
E	3.2	1.3	1.3									5.8	3.9
ESE		5.8	3.2									9.0	6.2
SE	4.5	4.5	1.9	.6								11.6	4.6
SSE	5.2	12.9	4.5	1.3								23.9	5.5
S	4.5	7.1	11.0	1.9								24.5	6.6
SSW	.6	1.9	1.3									3.9	5.8
SW			.6									.6	10.0
WSW													
W	.6											.6	3.0
WNW		1.3										1.3	5.0
NW													
NNW		.6	.6									1.3	7.0
VARBL													
CALM												4.5	
	22.6	38.7	28.4	5.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											.6	3.0
NNE	1.3		1.9									3.2	5.6
NE		.6	1.3									1.9	7.0
ENE	.6	2.6	2.6									5.6	6.2
E	.6	7.1	6.5	1.3								15.5	7.0
ESE	1.3	7.7	8.4	.6								18.1	6.8
SE	1.3	5.2	4.5	3.9								14.8	7.6
SSE	2.6	3.2	7.7	2.6								16.1	7.6
S		7.1	4.5	1.3								12.9	6.7
SSW			.6									.6	7.0
SW	1.3											1.3	2.5
WSW		.6										.6	6.0
W	.6		.6									1.3	6.0
WNW	.6	.6										1.3	3.5
NW		.6										.6	6.0
NNW		1.3	1.3									2.6	7.0
VARBL													
CALM												2.6	
	11.0	36.8	40.0	9.7								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	4.5
NNE			.6									.6	8.0
NE	.6		.6									1.3	4.5
ENE		2.6										2.6	4.5
E	1.9	9.0	5.6	.6								17.4	6.4
ESE	1.3	7.1	11.0	1.3	.6							21.3	7.3
SE	1.9	5.2	9.7	1.3								18.1	7.1
SSE		6.5	9.0	1.3								16.8	7.5
S	1.9	3.9	2.6	.6								9.0	5.5
SSW	1.9	.6		.6								3.2	4.6
SW													
WSW													
W	.6	.6										1.3	4.0
WNW													
NW		.6										.6	4.0
NNW	.6	1.3										1.3	4.0
VARBL													
CALM												4.5	
	11.0	38.7	39.4	5.8	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

ALL

MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.2	.4								1.8	6.5
NNE	.8	.9	.7	.1								2.3	5.5
NE	.8	.6	.3	.3								2.1	5.6
ENE	1.0	1.1	.6	.2								3.1	5.2
E	2.0	3.6	2.3	.3								8.3	5.6
ESE	1.5	4.6	3.3	.3	.1							10.0	6.2
SE	2.3	5.6	3.3	1.0								12.1	5.9
SSE	2.9	7.4	6.3	1.0								17.7	6.2
S	2.7	9.0	8.6	1.5								21.9	6.5
SSW	3.1	2.8	1.2	.5								7.7	4.8
SW	.9	.6	.2									1.7	4.0
WSW	.6	.2	.2									1.0	4.3
W	.5	.1	.1									.6	3.6
WNW	.2	.3										.5	3.7
NW	.1	.3	.2									.6	5.6
NNW	.3	.7	.4									1.5	5.5
VARBL													
CALM												7.4	
	19.9	38.5	28.4	5.6	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	3.3	4.0									12.0	4.7
NNE	.7	2.0	.7									3.3	5.2
NE	1.3	1.3	.7	.7								4.0	5.5
ENE	2.0											2.0	2.3
E	2.7	3.3	1.3									7.3	4.6
ESE	1.3	2.7	5.3									9.3	6.0
SE		4.0	2.7	2.0								8.7	8.1
SSE	1.3	4.7	4.0	.7								10.7	6.4
S	3.3	4.7	9.3	1.3								18.7	6.9
SSW	1.3	1.3										2.7	3.8
SW	1.3											1.3	2.5
WSW			1.3									1.3	8.0
W												1.3	2.0
WNW	1.3											.7	4.0
NW		.7		.7								4.7	4.1
NNW	2.7	1.3										12.0	
VARBL													
CALM												100.0	5.1
	24.0	29.3	29.3	5.3									

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	4.7	1.3									10.0	4.3
NNE		.7	2.0									2.7	7.0
NE	2.7	3.3										6.0	3.3
ENE	.7	.7										1.3	3.0
E	1.3	.7	.7									2.7	4.5
ESE	2.0	2.0										4.0	3.8
SE	1.3	2.0	.7	.7								4.7	6.4
SSE	.7	4.7	4.7	1.3								11.3	7.4
S	4.0	6.0	6.0	4.0								20.0	7.1
SSW	1.3	1.3	.7									3.3	5.0
SW	2.7											2.7	1.3
WSW	.7	.7										1.3	4.5
W	.7		.7									1.3	4.5
WNW		.7										.7	6.0
NW	4.7	.7										5.3	2.8
NNW	1.3	1.3	1.3									4.0	4.3
VARBL													
CALM												16.7	
	28.0	29.3	18.0	6.0								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS

73-77

SEP

MONTH

YEARS

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.3	2.7	1.3								10.7	5.8
NNE	4.7	1.3	.7	.7								7.3	4.0
NE	1.3		1.3									2.7	5.3
ENE	.7	1.3										2.0	4.3
E	2.0	1.3	.7									4.0	4.0
ESE	1.3	2.0										3.3	4.0
SE	1.3	2.0	2.0									5.3	5.3
SSE		1.3	6.0									7.3	7.5
S	4.0	6.0	6.0	3.3								19.3	6.3
SSW		2.7	1.3									4.0	6.3
SW													
WSW	.7	.7	.7									.7	7.0
W												1.3	3.5
WNW													
NW	4.0	2.0										6.0	3.1
NNW	2.0	1.3	.7	.7								4.7	4.9
VARBL													
CALM												21.3	
	25.3	25.3	72.0	6.0								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901 STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

09

ALL WEATHER

CLASS

09 HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	6.0	2.7								12.0	7.7
NNE		2.7	.7	.7								4.0	7.0
NE	1.3	1.3	2.0									4.7	6.3
ENE	1.3	.7	.7									2.7	4.5
E	3.3	2.0	1.3									6.7	4.5
ESE	2.0	.7	.7									3.3	3.8
SE	1.3	2.0	1.3	2.0								6.7	7.2
SSE	4.0	1.3	4.0	.7								10.0	6.1
S	1.3	2.7	4.7	9.3								18.0	9.8
SSW	.7	.7	2.0	2.0								5.3	9.6
SW			2.0	.7								2.7	9.0
WSW	1.3											1.3	2.0
W			.7									.7	7.0
WNW			.7									.7	9.0
NW	1.3	1.3	1.3									4.0	5.7
NNW		3.3	.7									4.0	5.7
VARBL													
CALM												13.3	
	19.3	20.7	28.7	18.0								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	2.0	3.3								8.7	7.8
NNE	2.0	.7	1.3									4.0	4.5
NE	1.3	1.3	2.0	.7								5.3	7.0
ENE	.7	1.3	.7									2.7	6.3
E	2.0	2.0	2.0	.7								6.7	5.3
ESE	2.0	.7	1.3									4.0	4.8
SE	2.0	2.7		.7								5.3	4.9
SSE	6.0	1.3	4.7	4.0								16.0	6.8
S		4.0	5.3	5.3								14.7	9.5
SSW	1.3		4.7	2.0								8.0	8.9
SW		1.3	1.3									2.7	7.3
WSW			.7									.7	8.0
W		.7		.7								1.3	9.0
WNW		1.3										1.3	5.0
NW	.7	.7	.7	.7								2.7	7.5
NNW	.7	2.7	2.7	2.0	.7							8.7	8.4
VARBL													
CALM												7.3	
	20.7	22.0	29.3	20.0	.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	7.3	1.3								11.3	8.0
NNE	.7	4.7	4.7									10.0	6.5
NE	.7	2.7	.7	.7								4.7	6.6
ENE		1.3	.7									2.0	5.7
E	.7	2.7		.7								4.0	5.5
ESE	3.3	2.7	2.0									8.0	4.1
SE	3.3	1.3	2.0	2.0								8.7	6.7
SSE	2.7	5.3	3.3	1.3								12.7	6.2
S	1.3	2.0	8.0	4.0								15.3	8.9
SSW	1.3	.7	2.0	.7	.7							4.7	7.0
SW												.7	20.0
WSW		.7		.7								1.3	8.0
W	.7	.7	1.3									2.7	5.8
WNW	.7	.7	.7	.7								2.7	7.8
NW	.7	.7	1.3	2.0								4.7	8.6
NNW													
VARBL													
CALM													
	17.3	27.3	34.0	14.0	.7							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	4.7	1.3								10.0	7.1
NNE	2.7	6.0	.7									9.3	4.5
NE	1.3	6.0	1.3									8.7	4.8
ENE	2.0	4.0	1.3	1.3								8.7	6.3
E	2.0	5.3	1.3									8.7	5.0
ESE	.7	5.3	3.3	.7								10.0	5.9
SE	3.3	1.3	6.0									10.7	6.0
SSE	1.3	4.0	3.3	.7								9.3	6.4
S	.7	5.3	4.0	2.7								12.7	8.2
SSW			.7									.7	8.0
SW													
WSW													
W													
WNW		1.3	.7									2.0	5.3
NW													
NNW	1.3		1.3	2.0	.7							5.3	10.0
VABBL													
CALM												6.0	
	16.7	41.3	23.7	8.7	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.3	2.0									3.0	5.3
NNE	3.3	3.3	1.3	1.3								9.3	5.4
NE	3.3	1.3										4.7	3.1
ENE	4.0	2.7										6.7	3.2
E		5.3	2.0	.7								8.0	6.6
ESE	1.3	4.0	2.7	1.3								9.3	7.0
SE	2.7	2.7	5.3	1.3								12.0	7.1
SSE	2.0	2.7	4.0	2.7	.7							12.0	8.0
S	2.7	2.7	2.7	2.7								10.7	7.4
SSW													
SW	.7											.7	2.0
WSW													
W	.7	.7										1.3	3.5
WNW	.7											.7	3.0
NW		1.3										1.3	5.0
NNW		3.3	2.0	.7								6.0	6.4
VARBL													
CALM												9.3	
	24.0	33.3	22.0	10.7	.7							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME YEARS MONTH SEP
ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.7	3.7	1.2								10.3	6.4
NNE	1.7	2.7	1.5	.3								6.2	5.4
NE	1.7	2.2	1.0	.2								5.1	5.2
ENE	1.4	1.5	.4	.2								3.5	4.8
E	1.7	2.8	1.2	.2								6.0	5.1
ESE	1.7	2.5	1.9	.2								6.4	5.3
SE	1.9	2.2	2.5	1.1								7.7	6.6
SSE	2.2	3.2	4.2	1.4	.1							11.2	6.8
S	2.2	4.2	5.7	4.1								16.2	8.0
SSW	.7	.8	1.4	.6								3.6	7.4
SW	.6	.2	.4	.1	.1							1.3	6.1
WSW	.2	.1	.2									.5	4.7
W	.2	.3	.3	.2								1.1	6.2
WNW	.3	.5	.3									1.2	5.1
NW	1.4	.9	.3	.2								2.8	4.7
NNW	1.1	1.7	1.2	1.0	.2							5.2	6.8
VARBL													
CALM												11.6	
	21.9	28.6	26.5	11.1	.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MOCT

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	3.9	.6	.6								9.7	4.5
NNE	.6	.6										1.3	3.5
NE	1.3											1.3	2.0
ENE	1.3		.6									1.9	4.7
E	1.9	.6										2.6	3.5
ESE	3.2	1.9	1.9									5.2	6.3
SE	1.9	1.3	1.9	1.9								7.1	7.6
SSE	.6	1.9	7.1	1.3								11.0	7.8
S	3.9	5.2	7.1	3.2								19.4	7.1
SSW	5.8	1.3		.6								7.7	3.4
SW	3.2	.6										3.9	2.3
WSW	1.3											1.3	2.0
W	.6		1.3									1.9	6.7
WNW	1.3	.6		.6								2.6	4.3
NW	.6	.6	.6									1.3	6.0
NNW	.6	1.9	1.3									3.9	6.2
VARBL													
CALM												18.1	
	29.0	21.9	22.6	6.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	.0	1.9	1.3								7.1	6.7
NNE	1.3	.0	.0									2.6	4.3
NE			.0									.0	8.0
ENE	.6			1.3								1.9	8.7
E	1.9	1.3	.6									3.9	4.2
ESE	1.9	.6	.6									3.2	4.2
SE	1.3	1.3	1.3	1.9								5.8	7.9
SSE	1.3	1.3	3.2	1.3								5.8	9.0
S	5.2	5.2	7.7	5.2								23.2	7.3
SSW	6.5	2.6	2.6									11.6	4.1
SW	3.9											3.9	2.5
WSW	1.3											1.3	1.5
W	.6	.6	.6									1.9	5.0
WNW		1.3		.6								1.9	7.7
NW	.6	1.3										1.9	4.0
NNW	2.6	1.3	1.3									5.2	4.6
VARBL													
CALM												18.1	
	31.0	18.1	21.3	11.6								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		.6		.6							1.9	9.3
NNE	.6	.6	.6	.6								2.6	7.3
NE	1.9		.6									2.6	4.0
ENE		.6	1.9									2.6	7.5
E		.6										.6	5.0
ESE	4.5	2.6	1.3									8.4	4.2
SE	1.3	1.9	.6	1.3								5.2	7.0
SSE		3.2	3.2	1.3								7.7	8.0
S	3.9	3.9	5.8	1.9								15.5	6.5
SSW	3.2	3.9	1.9									9.0	4.6
SW	3.9											3.9	2.0
WSW	3.2	1.3										4.5	2.1
W			.6									.6	7.0
WNW	.6	1.3	1.3									3.2	6.6
NW		2.6	1.3									3.9	7.0
NNW	2.6	1.9	.6	1.3								6.5	5.7
VARBL													
CALM												21.3	
	26.5	24.5	20.6	6.5	.6							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	2.6	1.9								7.1	8.1
NNE				.6								.6	14.0
NE	.6	1.3	1.3									3.2	5.6
ENE	1.3			.6								1.9	5.7
E	1.3	.6	3.2									5.2	6.1
ESE	.6	2.6	.6									3.9	4.8
SE	1.9	1.9	1.3	1.9								7.1	6.7
SSE	5.8	3.9	3.9	1.3								14.8	5.4
S	1.3	4.5	8.4	3.2								17.4	8.2
SSW	3.2	3.2	2.6	1.3								10.3	6.1
SW	1.9	.6	.6									3.2	4.4
WSW													
W		1.9										1.9	4.7
WNW		1.9	1.3									3.2	7.2
NW		.6		.6								1.3	8.0
NNW	.6	1.9	1.3	1.3								5.2	8.8
VARBL													
CALM												13.5	
	19.4	27.1	27.1	12.9								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	1.9	4.5								11.0	8.9
NNE	1.3	1.3		.6								3.2	4.8
NE	.6	.6	.6									1.9	5.7
ENE													
E	3.2	1.3	.6									5.2	4.0
ESE	1.9	1.3	1.3									4.5	4.4
SE	2.6	1.9	1.3									5.8	4.9
SSE	4.5	6.5	2.6	1.9								15.5	5.8
S	5.2	4.5	9.0	8.4	.6							27.7	8.3
SSW		.6	1.9	2.6								5.2	9.9
SW		.6	1.3									1.9	7.0
WSW		.6										.6	5.0
W	2.6	.6										3.2	2.8
WNW	.6		1.3									1.9	7.0
NW	.6		1.9									2.6	7.0
NNW	.6	1.3	3.2	1.9								7.1	8.3
VARBL													
CALM												2.6	
	25.2	24.5	27.1	20.0	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	5.8	3.2								12.3	8.8
NNE	.6	2.6	1.3									4.5	5.9
NE	1.3	1.3	1.3	.6								4.5	7.0
ENE	.6											.6	1.0
E	1.9	.6	.6									3.2	4.4
ESE	3.2	2.6	.6									6.5	3.7
SE	3.9	3.9	1.3	.6								9.7	5.0
SSE	2.6	1.3	7.1	3.9	.6							15.5	8.3
S	1.9	5.8	9.0	5.2	.6							22.6	8.5
SSW	.6	.6		.6	.6							2.6	9.5
SW				.6								.6	12.0
WSW	.6	1.3	.6									2.6	4.8
W	.6											.6	3.0
WNW													
NW	.6	1.9	1.9	.6								5.2	7.1
NNW		1.3	1.3	1.3								3.9	9.0
VARBL													
CALM												5.2	
	19.4	25.8	31.0	16.8	1.9							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	.6	2.6								7.7	7.5
NNE	1.9	1.9	1.3	.6								5.8	5.4
NE	1.9	2.6										4.5	3.6
ENE	2.6	1.3										3.9	3.2
E	5.8	3.2	.6									9.7	3.4
ESE	3.9	3.9	.6									8.4	3.9
SE	1.3	5.2	2.6	1.3								10.3	6.6
SSE	2.6	5.8	5.8	.6								14.8	6.6
S	5.2	4.5	3.2	1.3								14.2	5.6
SSW		1.3										1.3	4.5
SW													
WSW	1.3											1.3	3.0
W													
WNW	.6											.6	2.0
NW		1.3	.6			.6						2.6	8.3
NNW	.6	1.9	1.3	1.3	.6							5.8	8.3
VARBL													
CALM												9.0	
	29.7	35.5	16.8	7.7	1.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

ALL WEATHER

CLASS

MOY

MONTH

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.2	3.2	.6								9.7	5.6
NNE	3.2		.6									3.9	3.0
NE	.6											.6	3.0
ENE	.6	1.9										2.6	4.0
E	1.3	3.9	1.3									6.5	4.9
ESE	1.9	1.3	3.2									6.5	5.9
SE	2.6	2.6	5.2	1.3								11.6	7.1
SSE	1.3	3.2	5.8	.6								11.0	6.9
S	3.9	5.2	3.2									12.3	5.1
SSW	1.9	1.3		.6								3.9	4.7
SW	1.3											1.3	2.0
WSW	.6											.6	2.0
W	1.3											1.3	2.5
WNW		1.3	.6									1.9	6.0
NW		1.3	.6									1.9	6.3
NNW	1.3	2.6	1.3									5.2	5.0
VARBL													
CALM												19.4	
	24.5	27.7	25.2	3.2								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	2.2	1.9	.1							8.3	7.3
NNE	1.2	1.0	.6	.3								3.1	5.2
NE	1.0	.7	.6	.1								2.4	5.0
ENE	.9	.5	.3	.2								1.9	5.1
E	2.2	1.5	.9									4.6	4.3
ESE	2.3	2.3	1.3									5.8	4.6
SE	2.1	2.3	1.9	1.3								7.8	6.6
SSE	2.2	3.4	4.8	1.5	.1							12.0	7.0
S	3.8	4.8	6.7	3.5	.2							19.0	7.3
SSW	2.7	1.9	1.1	.7	.1							6.5	5.4
SW	1.6	.2	.2	.1								2.3	3.4
WSW	1.0	.4	.1									1.5	2.8
W	.7	.4	.3									1.5	4.3
WNW	.4	.8	.6	.2								1.9	6.3
NW	.2	1.2	.9	.2	.1							2.6	6.8
NNW	1.1	1.8	1.5	.9	.1							5.3	7.0
VARBL													
CALM												13.4	
	25.6	25.6	24.0	10.9	.6							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	2.7	3.3								9.3	8.2
NNE	2.0	.7	.7									3.3	4.0
NE	.7	.7										1.3	4.0
ENE	.7											.7	1.0
E	1.3	1.3										2.7	3.0
ESE	1.3	1.3										2.7	4.3
SE		1.3	2.0	2.0	.7							6.0	10.1
SSE		2.0	3.3	2.0								7.3	9.3
S	3.3	4.0	7.3	4.7	1.3							20.7	8.9
SSW	3.3	3.3	1.3	.7								8.7	5.2
SW	2.0											2.0	1.7
WSW	.7											.7	2.0
W		2.0		1.3								3.3	8.0
WNW		.7	2.0	1.3								4.0	8.7
NW	1.3	5.3	2.0									8.7	5.8
NNW	2.0	3.3		.7								6.0	4.9
VARBL													
CALM												12.7	
	20.7	27.3	21.3	16.0	2.0							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.0	2.0	4.0								11.3	7.9
NNE	2.7											2.7	2.3
NE		2.0										2.0	5.0
ENE			.7									.7	8.0
E		.7										.7	6.0
ESE		.7										.7	4.0
SE	1.3	1.3	2.0	.7								5.3	6.9
SSE	.7	4.0	4.0	1.3								10.0	7.1
S	1.3	4.7	6.0	3.3	.7							16.0	8.5
SSW	5.3	3.3	2.0	2.0								12.7	6.0
SW	3.3	.7										4.0	3.2
WSW	1.3											1.3	2.0
W	.7	.7		.7								1.3	9.5
WNW	.7	3.3	2.0	1.3	.7							8.0	8.3
NW	2.0	2.7	.7	.7								6.0	5.3
NNW	2.0	.7	.7	1.3								4.7	6.4
VARBL													
CALM												12.7	
	22.0	28.7	20.0	15.3	1.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	4.0	2.7								8.7	8.5
NNE	.7	2.0	1.3									4.0	5.3
NE	.7	.7										1.3	3.5
ENE	.7	.7										1.3	3.5
E	.7	1.3										2.0	4.0
ESE	.7		.7									1.3	5.3
SE	1.3	1.3	.7	.7								4.0	6.0
SSE		4.7	2.7	3.3								10.7	8.2
S	2.0	3.3	3.3	1.3								16.0	7.3
SSW	3.3	2.7	1.3	.7								8.0	5.4
SW	2.7	1.3										4.0	2.8
WSW	1.3											1.3	2.3
W	1.3	1.3		1.3								4.0	5.8
WNW	1.3	1.3	2.7	1.3	.7							7.3	8.7
NW	.7		1.3	.7								2.7	8.0
NNW	2.7	2.7		2.0								7.3	6.5
VARBL													
CALM												16.0	
	20.7	24.7	24.0	14.0	.7							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	3.3	3.3	.7							11.3	8.6
NNE		1.3										1.3	4.5
NE		.7	.7	.7								2.0	7.7
ENE	1.3											1.3	2.0
E		2.7	.7									3.3	5.4
ESE	.7	2.0	1.3									4.0	5.8
SE	.7	2.7	3.3									6.7	6.0
SSE	1.3	2.0	3.3	3.3								10.0	8.5
S	2.7	2.0	7.3	5.3								17.3	8.2
SSW	2.7	2.0	2.7	2.0								9.3	7.4
SW	2.0		.7	.7								3.3	5.8
WSW	.7											.7	3.0
W		.7	1.3									2.0	6.7
WNW	.7	2.7	2.0	2.0	1.3							6.7	11.3
NW	.7	1.3	.7	2.0								4.7	7.9
NNW	2.0	2.0	.7	4.0								8.7	8.5
VARBL													
CALM												7.3	
	16.7	22.0	28.7	23.3	2.0							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

12

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.0	4.7	.7							8.7	10.8
NNE	.7	.7	.7	.7								2.7	7.8
NE		2.7	.7	1.3								4.7	7.7
ENE	.7		.7									1.3	6.0
E	1.3	2.0	.7									4.0	4.5
ESE	2.0	.7	1.3	.7								4.7	5.4
SE	.7	1.3	.7	.7								3.3	6.4
SSE	2.7	2.7	2.7	4.0								12.0	7.4
S	1.3		0.0	9.3	2.7							21.3	11.8
SSW	.7	1.3	2.0	2.0	.7							6.7	9.2
SW		1.3	.7	.7	.7							3.3	10.4
WSW		1.3	.7									2.0	6.0
W	.7	2.0	.7	.7								4.0	6.8
WNW		2.0	.7	2.7								5.3	9.6
NW		3.3	3.3	2.7	.7							10.0	8.9
NNW		1.3	.7	2.7								4.7	10.1
VARBL													
CALM												1.3	
	10.7	24.0	26.0	32.7	5.3							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

150

102

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME 73-77 YEARS MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 15

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	4.0	4.0								9.3	10.1
NNE	2.0	1.3	2.0									5.3	5.3
NE		.7										.7	5.0
ENE			.7	.7								1.3	9.0
E		1.3										1.3	4.5
ESE	.7	2.0	.7									3.3	5.2
SE	.7	2.7	4.0		.7							8.0	7.3
SSE	2.7	2.7	4.7	4.7								14.7	8.4
S	.7	.7	3.3	7.3	1.3	.7						14.0	11.9
SSW	.7	.7	3.3	.7	.7							6.0	9.1
SW	1.3		2.0	.7								4.0	7.5
WSW	.7	.7	2.7	1.3								5.3	8.5
W	.7	.7	1.3	2.0								4.7	9.0
WNW	.7	.7	1.3	.7								3.3	7.8
NW	2.0	1.3	1.3	2.0		.7						7.3	8.4
NNW		1.3	3.3	4.0								8.7	10.3
VARBL													
CALM												2.7	
	12.7	18.0	34.7	28.0	2.7	1.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.3	4.7									10.0	5.8
NNE	1.3	1.3	.7	1.3								4.7	7.1
NE	.7	.7										1.3	3.5
ENE	2.0											2.0	2.0
E	2.7	2.7										5.3	3.4
ESE	2.0	3.3	.7	.7								6.7	5.7
SE	.7	5.3	1.3	.7								8.0	6.2
SSE	4.0	4.7	6.0	1.3								16.0	6.0
S	4.7	.7	2.7	1.3	.7							10.0	7.1
SSW	.7	2.7	.7									4.0	4.5
SW	.7	.7	.7									2.0	5.0
WSW			.7									.7	8.0
W	1.3	.7										2.0	3.7
WNW	.7	1.3	2.0	1.3	.7							6.0	8.6
NW	.7	1.3	2.7	2.0								6.7	8.2
NNW		7.3	2.0	.7								10.0	5.9
VARBL													
CALM												4.7	
	24.0	36.0	24.7	9.3	1.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	5.3	2.7	2.7	.7							16.0	6.8
NNE	1.3	1.3	.7									3.3	4.6
NE													
ENE	2.0											2.0	2.3
E	.7	1.3	.7									2.7	4.3
ESE		2.0	2.7	.7								5.3	7.4
SE		1.3	2.7	.7								4.7	9.0
SSE		4.0	2.7	4.0								10.7	8.5
S	3.3	7.3	3.3	2.7	2.0							16.7	7.8
SSW	2.7	2.0	.7									3.3	3.6
SW	4.0											4.0	1.8
WSW													
W	1.3	.7										2.0	2.7
WNW	.7	.7	1.3	1.3								4.0	8.8
NW	1.3	2.0	2.7									6.0	5.9
NNW	2.0	2.0	.7	1.3								6.0	6.1
VARBL													
CALM												9.3	
	24.0	30.0	20.7	13.3	2.7							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.6	3.2	3.1	.2							10.6	8.2
NNE	1.3	1.1	.7	.2								3.4	5.3
NE	.2	1.0	.2	.2								1.7	6.0
ENE	.9	.1	.2	.1								1.3	3.9
E	.6	1.7	.2									2.7	4.2
ESE	.9	1.5	.9	.2								3.6	5.7
SE	.7	2.2	2.1	.7	.2							5.7	7.2
SSE	1.4	3.3	3.7	3.0								11.4	7.8
S	2.4	2.8	5.9	4.4	1.1	.1						16.7	9.1
SSW	2.4	2.2	1.7	1.0	.2							7.6	6.4
SW	2.0	.3	.5	.2	.1							3.3	4.8
WSW	.6	.2	.5	.2								1.5	6.0
W	.7	1.1	.4	.7								2.9	6.8
WNW	.6	1.2	1.8	1.5	.4							5.6	9.1
NW	1.1	2.2	1.8	1.2	.1	.1						6.5	7.3
NNW	1.3	2.6	1.0	2.1								7.0	7.4
VARBL												8.3	
CALM													
	18.9	26.3	25.0	19.0	2.2	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

00

00

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	2.6	2.6								7.1	9.0
NNE				.6								.6	14.0
NE	.6											.6	3.0
ENE													
E	1.9	1.9										3.9	3.5
ESE		1.3										1.3	5.0
SE	1.9	3.2	2.6									7.7	5.0
SSE		1.9	2.6	2.6								7.1	9.3
S	1.9	3.2	6.5	6.5								18.1	8.9
SSW	3.2	2.6	2.6	.6								9.0	5.4
SW	3.9	1.3										5.2	2.6
WSW	1.9		.6									2.6	4.0
W	1.3	1.9	.6	1.3								5.2	7.3
WNW		.6	1.3	.6								2.6	7.3
NW	1.3	3.2	3.9	1.3								9.7	6.7
NNW	1.3	1.9	1.9	1.3	1.3							7.7	8.7
VARBL													
CALM												11.6	
	19.4	25.2	25.2	17.4	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	2.6	2.6	.6							8.4	9.1
NNE	1.9	.6										2.6	3.5
NE	.6		.6									1.3	4.0
ENE	.6											.6	3.0
E	.6											.6	2.0
ESE	.6	1.3	.6									2.6	5.3
SE	.6	.6	.6	.6								2.6	7.3
SSE	.6	3.2	1.9	1.3		.6						7.7	8.3
S	1.9	1.9	5.2	5.8	.6							15.5	9.5
SSW	3.2	7.1	4.5	.6								15.5	5.5
SW	1.9	1.9										3.9	2.8
WSW	2.6	.6	.6									3.9	3.5
W	1.9	1.3		.6								3.9	4.3
WNW	.6	.6	2.6	.6								4.5	7.6
NW	1.3	1.3		2.6								5.2	8.6
NNW	.6	4.5	2.6	1.3								9.0	6.6
VARBL													
CALM												12.3	
	20.6	27.1	21.9	16.1	1.3	.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.9	.6	1.3								6.5	6.4
NNE	.6											.6	3.0
NE		.6										.6	5.0
ENE		.6										.6	4.0
E		1.3										1.3	4.0
ESE	.6	1.9	.6									3.2	5.2
SE	1.3	3.2		.6								5.2	5.6
SSE		1.3	2.6	.6								4.5	8.9
S	3.2	5.8	5.8	2.6	1.9							19.4	7.8
SSW	2.6	3.9	3.2	1.3								11.0	6.2
SW	2.6	.6										3.2	3.2
WSW	1.9	.6										2.6	2.5
W		1.3		.6								1.9	8.0
WNW		1.9	1.3	.6								3.9	7.5
NW	1.9	.6	1.3	2.6	.6							7.1	9.3
NNW	5.2	1.3	3.2	1.9	.6							12.3	7.0
VARBL													
CALM												16.1	
	20.6	29.0	18.7	12.3	3.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	2.0	2.0								6.5	9.6
NNE	.0	.0										1.3	3.5
NE	1.3	.0										1.9	2.7
ENE		1.3	.0									1.9	5.7
E	.0											.0	3.0
ESE	.0	.0										1.3	3.5
SE		1.3	.0	.0								2.6	7.5
SSE	1.9	4.3	5.2	1.9								13.5	7.1
S	1.9	1.9	3.2	5.2	.0							12.9	9.6
SSW	2.0	3.9	6.5	1.9	.0							15.5	7.5
SW	.0	.0										1.3	4.0
WSW	.0		.0									1.3	4.0
W	.0	1.3	.0	1.9								4.5	8.1
WNW		.0		.0								1.3	9.5
NW		1.3	3.9	2.6	1.3							9.0	11.3
NNW	1.3	2.6	4.5	1.9	.0							11.0	8.5
VARBL													
CALM												13.5	
	13.5	21.9	28.4	19.4	3.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER
CLASS

12

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	2.6	1.9	.6							7.1	9.5
NNE	.6	1.9	1.9									4.5	6.3
NE		1.3		.6								1.9	7.0
ENE	.6	1.3										1.9	3.7
E		1.3										1.3	4.5
ESE		1.3										1.3	4.5
SE	2.6	1.9	1.3									5.8	4.4
SSE	3.2	3.9	1.3	1.9	.6							11.0	7.1
S		2.6	7.7	7.1	1.3	1.3						20.0	11.5
SSW		1.3	.6	3.2	1.3							6.5	12.5
SW		1.3	.6	1.3								3.2	9.6
WSW	.6	.6	1.9	.6								3.9	7.7
W	.6	.6	1.3	3.9								6.5	11.3
WNW		.6	1.9	2.6								5.2	10.1
NW		2.6	.6	1.9	.6							5.8	9.7
NNW	.6	1.3	1.3	5.2	.6							9.0	11.0
VARBL													
CALM												5.2	
	10.3	24.5	23.2	30.3	4.5	1.9						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.2	2.6	2.6	1.3							9.7	10.2
NNE	.6	1.3	.6									2.6	4.5
NE	.6											.6	2.0
ENE		.6	.6									1.3	6.5
E	2.6	1.3	.6									4.5	3.6
ESE	1.3	1.3	.6									3.2	4.4
SE	1.3	2.6	.6									4.5	4.4
SSE	.6	1.3	2.6	2.6		.6						7.7	9.6
S	1.9	1.9	5.2	9.0	1.3							19.4	10.6
SSW	.6	.6	1.3	2.6	.6							5.2	11.8
SW	.6	.6	3.2	.6								5.2	8.1
WSW	.6	1.3		1.3								3.2	7.6
W	1.3		3.9	2.6								7.7	9.1
WNW			1.3	3.2								4.5	11.4
NW	.6	2.6	1.3	2.6	1.3							8.6	10.5
NNW		.6	4.5	2.6								7.7	9.8
VARBL													
CALM												4.5	
	12.9	18.7	29.0	29.7	4.5	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

18

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.2	.6	1.3	.6							9.0	6.1
NNE	1.9	1.9										3.9	4.3
NE	1.3	.6										1.9	3.0
ENE		2.6		.6								3.2	5.8
E	3.9	.6	1.9									6.5	4.2
ESE	1.9	3.9										5.8	4.7
SE	1.3	3.2	1.3	.6								6.5	5.8
SSE	2.6	3.9	2.6	2.6								11.6	7.1
S	2.6	2.6	4.5	3.2								12.9	7.3
SSW	.6	2.6	.6									3.9	5.3
SW													
WSW	1.3		.6									1.9	4.0
W	1.3	.6	.6	.6	.6	.6						4.5	10.3
WNW	.6	1.3	2.6	.6								5.2	7.3
NW		2.6	1.3	1.3								5.2	8.1
NNW	1.9	2.6	3.2	2.6	.6							11.0	7.9
VARBL													
CALM												7.1	
	24.5	32.3	20.0	13.5	1.9	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

21

21

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6	1.9								5.2	7.8
NNE	.6	.6	1.3									2.6	6.0
NE	1.3											1.3	2.5
ENE													
E	1.9	1.3	.6									3.9	4.0
ESE	.6	3.2	.6	.6								5.2	6.1
SE	.6	1.3	1.3	.6								3.9	6.5
SSE	.6	5.2	4.5	2.6								12.9	7.5
S	3.2	1.9	4.5	5.8	1.3							16.8	8.7
SSW	1.9	1.9		1.3								5.2	5.6
SW	.6		.6									1.3	4.5
WSW	1.9											1.9	2.7
W	1.3	1.3	.6									3.2	4.4
WNW	.6	2.6	.6	1.3								5.2	7.1
NW	.6	1.9	1.3		.6							4.5	7.9
NNW	.6	1.9	3.9	4.5								11.0	9.4
VARBL													
CALM												16.1	
	18.1	24.5	20.6	18.7	1.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.9	2.1	.4							7.4	6.5
NNE	.9	.9	.5	.1								2.3	5.2
NE	.7	.4	.1	.1								1.3	3.8
ENE	.2	.8	.2	.1								1.2	5.1
E	1.5	1.0	.4									2.8	3.8
ESE	.7	1.9	.3	.1								3.0	5.0
SE	1.2	2.2	1.0	.4								4.8	5.5
SSE	1.2	3.1	2.9	2.0	.1	.2						9.5	7.6
S	2.1	2.7	5.3	5.6	.9	.2						16.9	9.3
SSW	1.9	2.9	2.4	1.5	.3							9.0	7.1
SW	1.3	.8	.6	.2								2.9	5.1
WSW	1.5	.4	.6	.2								2.7	4.8
W	1.0	1.0	1.0	1.5	.1	.1						4.7	8.3
WNW	.2	1.0	1.5	1.3								4.0	8.4
NW	.7	2.0	1.7	1.9	.5	.1						6.9	9.1
NNW	1.5	2.1	3.1	2.7	.5							9.8	8.5
VARBL													
CALM												10.8	
	17.5	25.4	23.4	19.7	2.7	.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

ALL

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.9	2.0	1.4	.2	.0						6.6	7.6
NNE	1.0	1.3	.7	.2	.0							3.3	5.5
NE	.7	1.0	.4	.2	.0							2.3	5.3
ENE	.7	.9	.5	.1								2.1	5.1
E	1.4	2.1	1.1	.3	.0							4.9	5.4
ESE	1.1	2.2	1.5	.4	.0	.0						5.3	6.1
SE	1.3	2.6	2.4	1.0	.1	.0						7.4	6.9
SSE	1.6	3.6	4.8	2.5	.2	.0						12.8	7.9
S	2.4	5.0	7.2	5.4	.8	.2						20.9	8.6
SSW	2.1	2.1	1.7	.9	.1	.0	.0					6.9	6.1
SW	1.2	.5	.3	.2	.0	.0						2.3	5.1
WSW	.7	.4	.3	.2	.1	.0						1.5	5.9
W	.5	.6	.6	.5	.1	.0						2.3	7.8
WNW	.4	.8	.8	.6	.1	.0						2.7	8.2
NW	.7	1.2	1.2	.9	.2	.0						4.2	8.1
NNW	1.0	1.6	1.6	1.4	.2	.0						5.8	7.9
VARBL													
CALM												8.6	
	17.8	27.9	27.1	16.2	2.1	.4	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

14607

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

ALL

MONTH

STATION

INSTRUMENT

CLASS

ALL

HOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.8	3.0	1.9	.1							9.9	7.3
NNE	1.4	2.1	1.0	.3								4.8	5.3
NE	1.0	1.0	.5	.3								2.7	5.2
ENE	.5	1.8	.9	.2								3.4	6.2
E	1.8	2.1	1.4	.4	.1							5.8	5.7
ESE	.8	2.3	.9	1.0	.2							5.3	7.3
SE	1.0	2.6	2.6	1.1	.1							7.6	7.1
SSE	1.0	4.3	4.9	2.6	.2							13.1	7.9
S	1.3	2.8	5.2	3.6	.7							13.6	8.9
SSW	.7	.6	.3	.2	.1							1.9	6.2
SW	.5	.2	.1	.1	.1							.9	4.9
WSW	.3	.7	.1	.1	.2	.1						.6	8.0
W	.7	.7	.8	.2	.2	.1						2.6	6.8
WNW	.2	1.0	1.7	1.0		.1						3.9	8.6
NW	.3	2.1	1.8	2.1	.2							6.5	8.7
NNW	1.0	3.0	3.4	3.0	.5							10.9	8.6
VARBL													
CALM												6.3	
	13.6	30.8	28.6	18.1	2.4	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

1247

CEILING - VISIBILITY

NWSD, Federal Building
Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than $6/10$ total sky cover and those cases where total sky cover is $6/10$ or more, but not more than $1/2$ of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	72.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	74.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	74.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	76.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	77.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1500	80.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	80.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	81.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 900	81.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	81.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	81.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 600	81.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 500	81.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 400	81.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 300	82.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 200	82.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 100	82.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
0	82.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7225

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	49.0	51.0	51.0	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	51.0	52.9	52.9	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	51.0	52.9	52.9	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	51.0	52.9	52.9	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	51.0	52.9	52.9	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	52.3	54.2	54.2	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	53.6	55.5	55.5	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	53.6	55.5	55.5	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	54.2	56.1	56.1	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	55.5	58.1	58.1	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	56.1	58.7	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	58.1	60.7	60.7	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	60.0	62.6	62.6	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	60.7	63.2	63.2	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	62.6	65.2	65.2	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	62.6	65.2	65.2	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2500	62.6	65.8	65.8	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2000	65.2	69.0	69.0	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800	66.5	70.3	70.3	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1500	71.0	75.5	75.5	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	73.6	78.1	78.1	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1000	74.2	79.4	79.4	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 900	74.8	80.7	80.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	76.1	81.9	81.9	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700	76.8	83.2	83.2	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	77.4	83.9	84.5	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	77.4	85.8	87.1	88.4	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	77.4	85.8	87.1	88.4	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	77.4	86.5	88.4	91.0	93.6	94.2	94.8	94.8	95.5	95.5	96.1
≥ 200	77.4	86.5	88.4	91.0	93.6	94.2	94.8	96.1	96.8	96.8	97.4
≥ 100	77.4	86.5	88.4	91.0	93.6	94.2	94.8	96.1	97.4	97.4	98.7
0	77.4	86.5	88.4	91.0	93.6	94.2	94.8	96.1	97.4	97.4	99.4
											100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

1203054323

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	49.0	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	51.0	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	51.0	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	51.0	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	51.0	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	51.6	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	54.2	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	54.2	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	56.1	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 7000	57.4	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	57.4	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	57.4	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500	59.4	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4000	60.7	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3500	60.7	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	60.7	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2500	61.9	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2000	65.8	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	65.8	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	69.7	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	70.3	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1000	71.0	78.7	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 900	71.0	78.7	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 800	72.3	80.0	80.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 700	74.2	82.6	83.2	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	75.5	83.9	84.5	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 500	76.1	85.2	85.8	88.4	89.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	76.1	85.2	86.5	89.7	91.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	76.1	85.2	87.1	90.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	76.1	85.2	87.1	90.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	76.1	85.2	87.1	90.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
0	76.1	85.2	87.1	90.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

WALLA WEAATHER SERVICE DETACHMENT, ASHEVILLE, NC

DALLAS, TEXAS

73-77

STATION NAME

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	40.7	43.9	43.9	45.2	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
At 20000	45.2	48.4	48.4	49.7	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
At 18000	45.8	49.0	49.0	50.3	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
At 16000	45.8	49.0	49.0	50.3	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
At 14000	45.8	49.0	49.0	50.3	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
At 12000	46.5	50.3	50.3	51.6	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
At 10000	49.0	52.9	52.9	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
At 9000	49.0	52.9	52.9	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
At 8000	49.7	53.6	53.6	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
At 7000	50.3	54.2	54.2	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
At 6000	51.6	55.5	55.5	57.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
At 5000	52.6	58.1	58.1	60.0	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
At 4500	54.2	58.7	58.7	60.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
At 4000	54.2	58.7	58.7	60.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
At 3500	55.5	60.0	60.0	61.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
At 3000	56.8	61.9	61.9	63.9	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
At 2500	57.4	64.5	64.5	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
At 2000	58.7	65.8	65.8	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
At 1800	59.4	67.1	67.1	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
At 1500	62.6	71.0	71.0	72.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
At 1200	64.5	74.2	74.2	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
At 1000	65.8	76.1	76.1	78.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
At 900	65.8	76.1	76.1	78.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
At 800	66.5	76.8	76.8	78.1	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
At 700	66.5	78.1	78.1	80.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
At 600	67.7	79.4	79.4	81.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
At 500	67.7	80.0	80.0	82.6	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
At 400	67.7	80.7	80.7	83.9	88.4	90.3	91.0	92.3	92.3	92.3	92.3	92.3	92.3
At 300	67.7	80.7	80.7	84.5	89.0	91.0	91.6	92.9	93.6	93.6	93.6	93.6	93.6
At 200	67.7	80.7	80.7	84.5	89.0	91.0	91.6	94.2	95.5	95.5	95.5	95.5	95.5
At 100	67.7	80.7	80.7	84.5	89.0	91.0	91.6	94.2	95.5	95.5	95.5	95.5	95.5
At 0	67.7	80.7	80.7	84.5	89.0	91.0	91.6	94.2	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	50.3	51.6	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	52.6	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
18000	53.6	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
16000	53.6	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
14000	53.6	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
12000	54.2	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
10000	54.8	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
9000	54.8	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
8000	56.8	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
7000	58.1	59.4	59.4	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
6000	58.7	60.7	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
5000	60.7	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
4500	61.9	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
4000	61.9	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
3500	64.5	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
3000	66.5	69.0	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
2500	68.4	71.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2000	69.0	72.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
1800	69.0	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
1500	72.3	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
1200	74.8	80.7	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1000	76.8	84.5	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
900	76.8	84.5	87.1	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
800	77.4	85.2	87.7	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
700	78.1	86.5	89.0	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
600	78.1	87.1	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
500	78.1	87.7	91.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
400	78.1	87.7	91.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
300	78.1	87.7	91.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
200	78.1	87.7	91.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
100	78.1	87.7	91.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
0	78.1	87.7	91.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

125

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
18000	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
16000	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
14000	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
12000	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
10000	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
9000	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
8000	63.9	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
7000	66.5	67.7	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
6000	67.1	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
5000	68.4	69.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
4500	69.0	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
4000	69.0	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
3500	70.3	71.6	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
3000	73.6	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2500	75.5	77.4	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2000	78.1	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1800	78.7	81.3	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1500	78.7	82.9	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
1200	79.4	85.8	87.1	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
1000	79.4	85.8	87.1	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
900	79.4	85.8	87.1	87.1	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
800	80.0	86.5	87.7	89.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
700	80.0	86.5	87.7	89.7	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
600	80.0	87.1	88.4	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
500	80.0	87.7	89.7	91.6	94.2	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
400	80.0	88.4	90.3	92.3	95.5	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1
300	80.0	88.4	90.3	92.3	95.5	96.8	97.4	97.4	97.4	98.7	98.7	98.7	98.7
200	80.0	88.4	90.3	92.3	95.5	96.8	97.4	97.4	97.4	99.4	99.4	99.4	99.4
100	80.0	88.4	90.3	92.3	95.5	96.8	97.4	97.4	97.4	99.4	99.4	99.4	99.4
0	80.0	88.4	90.3	92.3	95.5	96.8	97.4	97.4	97.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

12

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

74-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	57.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	68.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	69.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	71.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	72.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	74.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	80.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	80.7	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	81.3	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	81.3	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	81.3	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	81.9	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	82.6	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 500	82.6	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 400	82.6	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	82.6	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 200	82.6	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 100	82.6	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 0	82.6	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

7-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	63.9	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	65.2	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	67.1	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	67.1	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	68.4	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	69.7	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	69.7	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	71.6	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3000	73.6	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	74.8	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	78.1	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	78.1	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	80.7	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	81.3	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	81.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	81.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	82.6	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	82.6	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	82.6	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	82.6	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	82.6	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	82.6	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	82.6	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	82.6	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	82.6	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	52.2	54.1	54.2	54.4	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	55.7	57.7	57.7	58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	55.8	57.7	57.8	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	55.8	57.7	57.8	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	55.8	57.7	57.8	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	56.4	58.5	58.6	58.9	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	58.1	60.2	60.3	60.6	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	58.2	60.2	60.4	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 8000	59.4	61.6	61.9	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	60.9	63.2	63.5	63.8	64.3	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	61.5	63.8	64.1	64.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000	63.0	65.7	66.1	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	64.2	67.0	67.3	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4000	64.8	67.7	68.0	68.4	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	66.3	69.2	69.5	69.9	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3000	67.9	71.0	71.3	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	69.0	72.7	73.1	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2000	71.3	75.3	75.7	76.2	76.7	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1800	71.8	76.1	76.5	76.9	77.4	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	74.5	79.6	80.0	80.6	81.2	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1200	75.7	81.5	82.1	82.7	83.3	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1000	76.5	83.0	83.7	84.3	84.9	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	76.5	83.2	84.0	84.6	85.5	85.8	86.0	86.0	86.0	86.0	86.0
≥ 800	77.2	83.9	84.8	85.7	86.9	87.2	87.3	87.3	87.3	87.3	87.3
≥ 700	77.7	84.8	85.7	86.8	88.0	88.5	89.0	89.0	89.0	89.0	89.0
≥ 600	78.2	85.6	86.7	87.7	89.4	90.1	90.7	91.0	91.0	91.0	91.0
≥ 500	78.3	86.5	87.8	89.0	90.8	91.6	92.3	92.7	92.8	92.8	92.8
≥ 400	78.4	87.2	88.8	90.0	92.5	93.4	94.5	95.0	95.2	95.2	95.2
≥ 300	78.4	87.5	89.6	91.0	93.7	94.6	96.0	96.5	96.9	96.9	97.0
≥ 200	78.4	87.6	89.7	91.1	93.9	94.8	96.2	97.4	97.5	98.2	98.5
≥ 100	78.4	87.6	89.7	91.1	93.9	94.8	96.2	97.4	97.5	98.2	98.5
≥ 0	78.4	87.6	89.7	91.1	93.9	94.8	96.2	97.4	97.5	98.2	98.5

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

74-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	65.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	69.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
18000	69.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
16000	69.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
14000	69.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
12000	69.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
10000	73.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
9000	74.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
8000	78.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
7000	80.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
6000	81.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
5000	81.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
4500	81.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
4000	81.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
3500	82.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
3000	83.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
2500	84.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2000	85.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
1800	85.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
1500	87.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1200	87.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1000	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
900	89.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
800	90.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
700	90.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
600	90.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
500	90.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
400	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
300	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
200	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
100	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB
MONTH

8000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

7225

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	59.6	62.4	62.4	63.8	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	65.3
≥ 20000	63.1	66.0	66.0	67.4	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.8
≥ 18000	63.1	66.0	66.0	67.4	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.8
≥ 16000	63.1	66.0	66.0	67.4	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.8
≥ 14000	63.8	66.7	66.7	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	69.5
≥ 12000	64.5	67.4	67.4	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	70.2
≥ 10000	66.7	69.5	69.5	70.9	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 9000	68.1	70.9	70.9	72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.8
≥ 8000	70.9	73.8	73.8	75.2	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	76.6
≥ 7000	71.6	74.5	74.5	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	77.3
≥ 6000	72.3	75.9	75.9	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.7
≥ 5000	73.1	76.6	76.6	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 4500	73.1	76.6	76.6	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 4000	73.1	77.3	77.3	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	80.1
≥ 3500	73.1	77.3	77.3	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	80.1
≥ 3000	73.8	78.0	78.0	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.9
≥ 2500	75.2	79.4	79.4	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	82.3
≥ 2000	77.3	81.6	81.6	83.0	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4	85.1
≥ 1800	77.3	81.6	81.6	83.0	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4	85.1
≥ 1500	80.1	84.4	84.4	85.8	85.8	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.9
≥ 1200	82.3	86.5	86.5	87.9	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	90.1
≥ 1000	84.4	88.7	88.7	90.1	90.1	90.1	91.5	91.5	91.5	91.5	91.5	91.5	92.2
≥ 900	85.1	89.4	89.4	90.8	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.9
≥ 800	85.1	89.4	89.4	90.8	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.9
≥ 700	85.8	90.8	90.8	92.2	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6	94.3
≥ 600	85.8	91.5	91.5	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	95.0
≥ 500	85.8	91.5	91.5	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	95.0
≥ 400	85.8	91.5	91.5	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	95.0
≥ 300	85.8	92.2	92.2	94.3	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5	97.2
≥ 200	85.8	92.2	92.2	94.3	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5	97.2
≥ 100	85.8	92.2	92.2	94.3	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5	97.2
≥ 0	85.8	92.2	92.2	94.3	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5	97.2

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

8000

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	53.9	55.3	56.0	56.7	57.5	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	58.2	59.6	60.3	61.0	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	58.2	59.6	60.3	61.0	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	58.2	59.6	60.3	61.0	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	58.9	60.3	61.0	61.7	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	59.6	61.0	61.7	62.4	63.1	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	60.3	62.4	63.1	63.8	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	61.0	63.1	64.5	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	63.1	65.3	66.7	67.4	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	63.1	65.3	66.7	67.4	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	63.8	66.0	67.4	68.1	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	65.3	67.4	68.8	69.5	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	65.3	67.4	68.8	69.5	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	66.7	68.8	70.2	71.6	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	66.7	68.8	70.2	71.6	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	68.1	70.2	71.6	73.1	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2500	69.5	71.6	73.1	74.5	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	71.6	74.5	75.9	77.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	73.1	75.9	77.3	78.7	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	78.7	81.6	83.0	84.4	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	81.6	84.4	85.8	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	82.3	85.1	86.5	87.9	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	83.0	85.8	87.2	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	83.0	86.5	87.9	89.4	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	83.0	86.5	87.9	89.4	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 600	83.0	86.5	87.9	89.4	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 500	84.4	88.7	90.1	91.5	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	84.4	89.4	90.8	92.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 300	84.4	89.4	90.8	92.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 200	84.4	89.4	90.8	92.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 100	84.4	89.4	90.8	92.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
0	84.4	89.4	90.8	92.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	48.2	51.1	51.8	52.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	55.3	58.2	59.6	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	55.3	58.2	59.6	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	55.3	58.2	59.6	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	55.3	58.2	59.6	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	56.7	59.6	61.0	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	57.5	61.0	63.1	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	57.5	61.0	63.1	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	57.5	61.0	63.8	64.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	58.9	62.4	65.3	66.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	61.0	65.3	68.1	68.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	61.0	65.3	68.1	68.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	61.0	65.3	68.1	68.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	61.0	65.3	68.1	68.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	61.0	65.3	68.1	68.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3000	63.1	67.4	70.2	70.9	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2500	65.3	69.5	72.3	73.1	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2000	68.1	73.1	75.9	76.6	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	68.8	74.5	77.3	78.0	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	70.9	77.3	80.1	80.9	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1200	70.9	77.3	80.9	81.6	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1000	70.9	78.7	82.3	83.7	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	70.9	78.7	82.3	83.7	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 800	70.9	79.4	83.0	84.4	87.2	87.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	71.6	80.9	84.4	85.8	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	71.6	80.9	84.4	85.8	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 500	71.6	82.3	85.8	87.2	90.8	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	71.6	82.3	85.8	87.9	91.5	91.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	71.6	82.3	85.8	87.9	91.5	91.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	71.6	82.3	85.8	87.9	92.2	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 100	71.6	82.3	85.8	87.9	92.2	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0	71.6	82.3	85.8	87.9	92.2	92.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
54901

STATION NAME
DALLAS, TEXAS

YEARS
73-77

MONTH
FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)
12

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	51.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	60.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	60.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	61.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	61.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	62.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	66.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	66.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	66.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	67.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	67.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	68.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	69.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	70.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	71.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	72.2	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	76.6	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	78.0	83.0	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	79.4	84.4	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	81.6	87.9	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	82.3	88.7	89.4	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	82.3	90.1	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	83.0	90.8	91.5	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	83.0	90.8	91.5	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	83.0	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	83.0	92.9	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	83.0	92.9	94.3	94.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	83.0	92.9	94.3	94.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	83.0	92.9	94.3	94.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	83.0	92.9	94.3	94.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100	83.0	92.9	94.3	94.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0	83.0	92.9	94.3	94.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MONTH

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

15

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	59.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	68.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
18000	68.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
16000	70.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
14000	70.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
12000	73.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
10000	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
9000	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
8000	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
7000	75.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
6000	75.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
5000	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4500	78.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
4000	78.0	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
3500	78.0	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
3000	81.6	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
2500	83.0	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2000	85.1	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1800	85.8	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1500	85.8	88.7	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1200	88.7	92.2	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1000	89.4	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
900	89.4	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
800	89.4	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
700	89.4	94.3	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
600	89.4	94.3	96.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
500	89.4	94.3	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	89.4	94.3	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	89.4	94.3	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	89.4	94.3	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	89.4	94.3	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	89.4	94.3	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	93.1	63.8	53.8	64.5	64.5	64.5	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	75.9	76.6	76.6	77.3	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	76.6	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	76.6	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	77.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	78.0	78.7	78.7	79.4	79.4	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	78.7	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	79.4	80.1	80.1	80.9	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	82.3	83.0	83.0	83.7	83.7	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	83.7	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	85.8	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	85.8	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	86.5	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	86.5	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	86.5	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	86.5	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	87.9	88.6	88.6	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	87.9	88.6	88.6	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	88.6	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	88.6	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 300	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 200	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 100	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 0	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	66.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	70.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	77.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	79.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	80.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	80.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	81.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	82.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	84.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	85.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	86.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	87.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	87.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	87.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	87.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	89.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	91.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	91.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	91.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	91.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	91.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	92.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	93.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

AD-A060 610

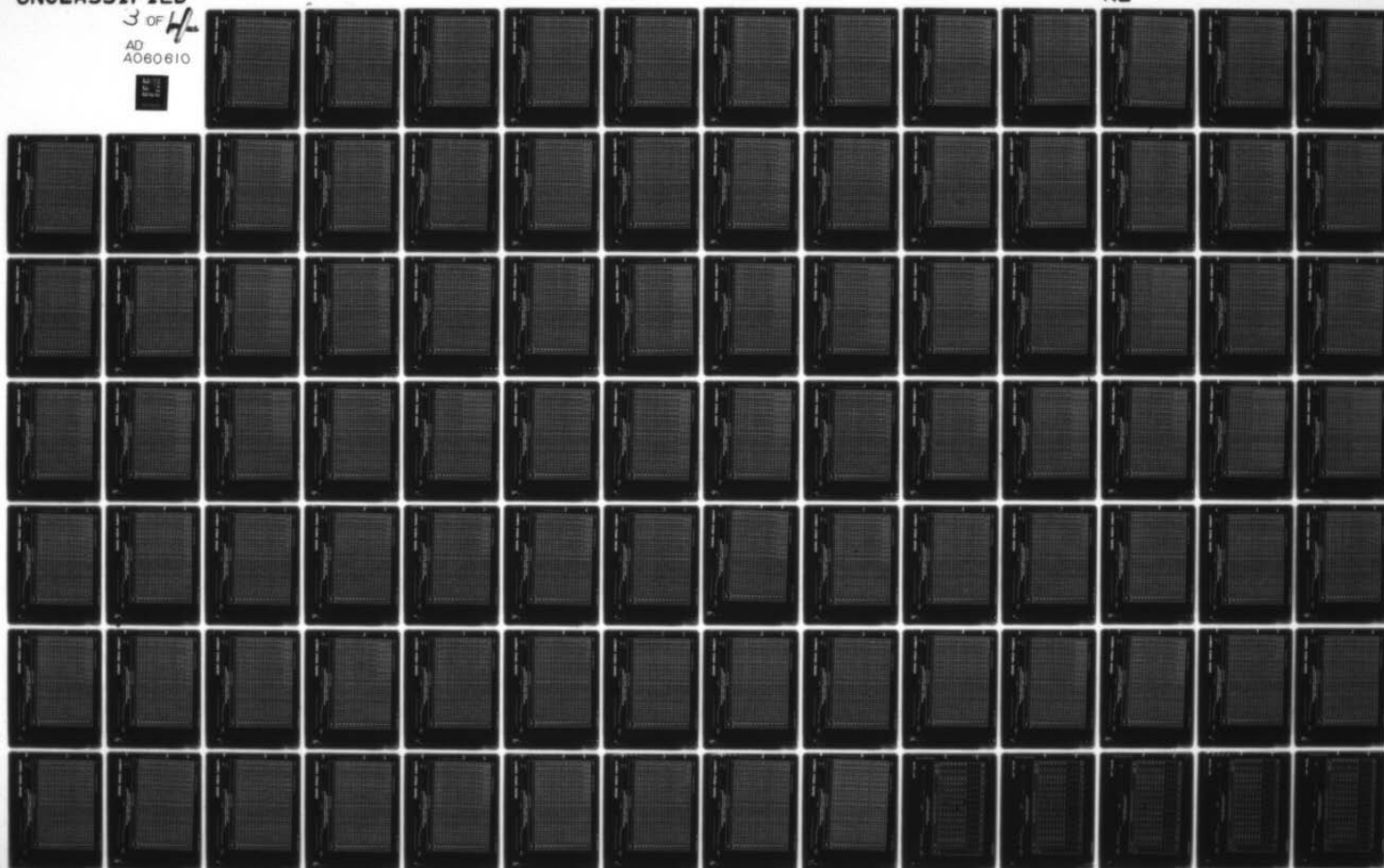
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), DALLAS,--ETC(U)
JUL 78

F/G 4/2

UNCLASSIFIED

NL

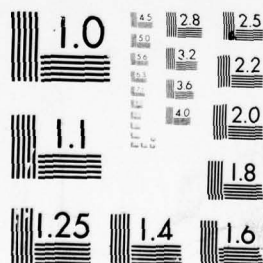
3 OF 4
AD
A060610



IFIED

3 OF 4

AD
A060610



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	58.4	60.3	60.5	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	65.4	67.5	67.7	68.2	68.4	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7
≥ 18000	65.5	67.6	67.8	68.3	68.5	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8
≥ 16000	62.8	67.8	68.1	68.5	68.8	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1
≥ 14000	66.2	68.3	68.5	69.0	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5
≥ 12000	67.2	69.2	69.5	70.0	70.2	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5
≥ 10000	69.2	71.5	71.9	72.3	72.6	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9
≥ 9000	69.9	72.2	72.6	73.1	73.3	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6
≥ 8000	71.5	73.9	74.5	74.9	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	72.3	74.7	75.2	75.6	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2
≥ 6000	73.1	75.6	76.2	76.6	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1
≥ 5000	73.9	76.4	77.0	77.4	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0
≥ 4500	74.6	77.1	77.7	78.2	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8
≥ 4000	75.2	77.9	78.6	79.2	79.4	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8
≥ 3500	75.6	78.5	79.2	79.7	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	77.2	80.3	81.0	81.6	81.9	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	78.5	81.7	82.5	83.0	83.3	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8
≥ 2000	80.1	83.4	84.2	84.8	85.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	80.8	84.2	85.1	85.6	86.0	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5
≥ 1500	82.6	86.4	87.3	88.0	88.5	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	84.0	87.9	88.9	89.6	90.2	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	84.9	89.5	90.5	91.3	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	85.3	90.0	91.1	91.8	92.6	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.2
≥ 800	85.4	90.3	91.4	92.3	93.1	93.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7
≥ 700	85.6	90.7	91.9	92.8	93.6	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 600	85.6	91.2	92.6	93.8	94.6	94.7	95.3	95.4	95.5	95.5	95.5	95.5	95.5
≥ 500	85.9	91.8	93.3	94.5	95.5	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7
≥ 400	86.3	92.3	93.8	95.3	96.3	96.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0
≥ 300	86.4	92.5	94.0	95.6	96.5	96.7	98.1	98.4	98.5	98.5	98.5	98.5	98.5
≥ 200	86.4	92.5	94.0	95.6	96.7	96.9	98.3	98.7	98.8	98.9	99.0	99.2	99.3
≥ 100	86.4	92.5	94.0	95.6	96.7	96.9	98.3	98.7	98.8	99.2	99.5	99.7	99.8
0	86.4	92.5	94.0	95.6	96.7	96.9	98.3	98.7	98.8	99.2	99.5	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS

1128

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	63.9	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	67.7	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	68.4	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	69.0	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	69.7	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	70.3	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	73.6	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	73.6	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	74.2	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	74.2	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	74.8	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	77.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	77.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	78.1	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	78.1	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	79.4	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	82.6	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	83.2	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	85.8	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	87.1	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	87.7	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	89.7	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	89.7	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	90.3	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	90.3	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	90.3	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	90.3	94.2	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	90.3	94.2	94.2	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	90.3	94.2	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	90.3	94.2	94.2	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	90.3	94.2	94.2	94.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	90.3	94.2	94.2	94.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	44.5	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	49.7	53.5	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	50.3	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	50.3	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	51.0	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	51.6	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	53.6	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	55.5	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	57.4	61.3	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	58.1	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	58.1	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 5000	60.7	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	61.9	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	62.6	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3500	64.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000	66.5	70.3	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	68.4	72.3	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	72.3	76.1	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	72.9	76.8	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	77.4	81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	81.3	86.5	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	83.2	89.0	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	83.2	89.7	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	83.2	89.7	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	84.5	91.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	84.5	91.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	84.5	91.6	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	84.5	91.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	84.5	91.6	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	84.5	91.6	93.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	84.5	91.6	93.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	84.5	91.6	93.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

135

2

12000 54323

5225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	41.9	45.2	46.5	46.5	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.7	47.7
≥ 20000	45.8	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.6	51.6
≥ 18000	45.8	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.6	51.6
≥ 16000	45.8	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.6	51.6
≥ 14000	46.5	49.7	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.3	52.3
≥ 12000	47.7	51.0	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.6	53.6
≥ 10000	48.4	51.6	52.9	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.2	54.2
≥ 9000	49.7	52.9	54.2	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5	55.5
≥ 8000	51.6	54.8	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4	57.4
≥ 7000	52.9	56.1	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.7	58.7
≥ 6000	54.2	57.4	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0
≥ 5000	54.8	58.1	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.3	61.3
≥ 4500	55.5	58.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.9	61.9
≥ 4000	56.8	60.0	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.9	63.9
≥ 3500	57.4	60.7	62.6	62.6	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.5	64.5
≥ 3000	60.7	63.9	65.8	65.8	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7
≥ 2500	63.2	67.1	69.0	69.0	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0
≥ 2000	67.1	71.0	72.9	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.8	74.8
≥ 1800	68.4	72.3	74.2	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.1
≥ 1500	71.6	75.5	77.4	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4
≥ 1200	73.6	77.4	79.4	79.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3
≥ 1000	74.8	80.7	83.2	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8	85.8
≥ 900	74.8	80.7	83.2	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8	85.8
≥ 800	77.4	84.5	87.1	87.1	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.3	90.3
≥ 700	78.1	85.2	87.7	87.7	87.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	79.4	86.5	89.0	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	79.4	86.5	89.0	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	79.4	86.5	89.0	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 300	79.4	86.5	89.0	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 200	79.4	86.5	89.0	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 100	79.4	86.5	89.0	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 0	79.4	86.5	89.0	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	33.6	36.8	36.8	36.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	40.0	43.9	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	40.0	43.9	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	40.7	44.5	44.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	40.7	44.5	44.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	41.9	45.8	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	45.8	50.3	50.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	46.5	51.0	51.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 8000	48.4	52.9	52.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 7000	49.0	54.8	54.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 6000	50.3	56.1	56.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	51.6	58.1	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	52.3	58.7	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	54.8	61.9	63.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	55.5	62.6	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	56.1	63.2	64.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2500	60.7	67.7	69.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	62.6	70.3	71.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	63.9	71.6	72.9	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1500	67.1	76.8	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1200	67.7	78.1	80.7	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	68.4	80.7	83.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	68.4	81.9	85.8	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	68.4	82.6	86.5	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	69.0	83.2	87.1	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	69.0	83.2	87.7	92.3	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 500	69.0	83.2	87.7	92.3	94.2	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 400	69.0	83.2	88.4	92.9	94.8	96.1	96.1	96.1	96.1	97.4	97.4	97.4	97.4
≥ 300	69.0	83.2	88.4	92.9	95.5	96.8	96.8	96.8	96.8	98.7	98.7	98.7	98.7
≥ 200	69.0	83.2	88.4	92.9	95.5	96.8	97.4	97.4	98.1	100.0	100.0	100.0	100.0
≥ 100	69.0	83.2	88.4	92.9	95.5	96.8	97.4	97.4	98.1	100.0	100.0	100.0	100.0
≥ 0	69.0	83.2	88.4	92.9	95.5	96.8	97.4	97.4	98.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	55.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	61.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	61.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	61.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4500	62.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	65.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	66.5	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000	69.7	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 2500	72.3	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000	77.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	80.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	81.3	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	82.6	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	83.2	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	83.2	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	84.5	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0	84.5	93.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

33901
STATION

DALLAS, TEXAS

STATION NAME

71-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	76.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	91.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	91.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	91.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	91.6	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	91.6	93.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	91.6	94.2	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	91.6	94.2	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	91.6	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	91.6	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	91.6	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	91.6	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	91.6	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901

DALLAS, TEXAS

73-77

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	54.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	61.9	65.2	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	63.9	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	65.2	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	66.5	69.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	71.0	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	72.3	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	72.3	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	73.6	77.4	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	74.2	78.1	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	75.5	79.4	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	77.4	81.3	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	77.4	81.3	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	78.1	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	78.7	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	79.4	83.9	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	81.3	85.8	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	82.6	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	83.2	87.7	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	83.8	91.0	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	87.1	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	87.7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	87.7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	88.4	93.6	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	88.4	93.6	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	88.4	93.6	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	88.4	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	88.4	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	88.4	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	88.4	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	88.4	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	88.4	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

125

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	59.4	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	63.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	64.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	65.2	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	65.2	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	68.4	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	71.0	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	71.0	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	72.9	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	73.6	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	74.2	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	78.1	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	78.1	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	78.1	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	78.7	80.7	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	80.0	81.9	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	80.7	82.6	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	83.9	85.8	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	83.9	85.8	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	85.8	88.4	88.4	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	86.5	89.7	89.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	86.5	91.0	91.0	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	86.5	91.0	91.0	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	87.7	93.6	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	87.7	93.6	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	87.7	93.6	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	87.7	93.6	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	87.7	93.6	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	87.7	94.2	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	87.7	94.2	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	87.7	94.2	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	87.7	94.2	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

135

2

12250 02101

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93001
STATION

DALLAS, TEXAS
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	48.8	51.1	51.4	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0
≥ 20000	55.2	57.8	58.2	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
≥ 18000	55.8	58.4	58.7	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	56.2	58.8	59.1	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	56.9	59.4	59.8	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5
≥ 12000	58.9	61.5	61.8	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 10000	61.1	63.9	64.2	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9
≥ 9000	61.6	64.4	64.7	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 8000	63.6	66.4	66.7	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 7000	64.3	67.3	67.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 6000	65.0	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 5000	66.9	70.1	70.7	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 4500	67.5	70.7	71.3	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 4000	69.0	72.3	72.9	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8
≥ 3500	70.0	73.5	74.1	74.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0
≥ 3000	71.7	75.2	75.8	76.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
≥ 2500	74.1	77.7	78.4	78.8	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	77.2	81.0	81.6	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	78.3	82.2	82.8	83.2	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1500	80.8	85.2	86.1	86.7	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 1200	82.3	87.3	88.4	89.2	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 1000	83.2	89.0	90.2	91.1	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 900	83.2	89.4	90.7	91.6	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 800	84.0	90.6	92.1	93.3	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 700	84.3	90.9	92.5	94.0	94.6	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	84.4	91.3	93.2	94.8	95.5	95.6	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 500	84.4	91.4	93.3	95.2	96.0	96.1	96.5	96.7	96.7	96.8	96.8	96.9	96.9
≥ 400	84.4	91.4	93.6	95.4	96.5	96.7	97.5	97.7	97.7	97.9	97.9	98.0	98.0
≥ 300	84.4	91.5	93.8	95.7	97.2	97.4	98.2	98.6	98.6	98.9	98.9	99.0	99.0
≥ 200	84.4	91.5	93.8	95.7	97.3	97.5	98.5	98.9	99.0	99.5	99.5	99.6	99.6
≥ 100	84.4	91.5	93.8	95.7	97.3	97.5	98.5	99.0	99.1	99.8	99.8	100.0	100.0
0	84.4	91.5	93.8	95.7	97.3	97.5	98.5	99.0	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	54.7	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	61.3	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	61.3	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	61.3	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	62.0	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	62.7	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	63.3	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	63.3	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	67.3	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	71.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	75.3	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	78.7	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	81.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	82.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	84.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	84.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	86.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 1200	87.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7
≥ 1000	88.0	92.0	92.0	92.7	93.3	93.3	94.0	94.0	94.7	94.7	94.7	94.7
≥ 900	88.0	92.7	92.7	93.3	94.0	94.0	94.7	94.7	95.3	95.3	95.3	95.3
≥ 800	88.0	93.3	93.3	94.7	95.3	95.3	96.0	96.0	96.7	96.7	96.7	96.7
≥ 700	88.7	94.7	94.7	95.0	96.7	96.7	97.3	97.3	98.0	98.0	98.0	98.0
≥ 600	88.7	94.7	94.7	95.0	96.7	96.7	97.3	97.3	98.0	98.0	98.0	98.0
≥ 500	89.3	96.0	96.0	97.3	98.0	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 400	89.3	96.0	96.0	97.3	98.0	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 300	89.3	96.7	96.7	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0
≥ 200	89.3	96.7	96.7	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0
≥ 100	89.3	96.7	96.7	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0
≥ 0	89.3	96.7	96.7	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

03
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	48.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	56.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 7000	59.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000	63.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	66.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	66.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000	67.3	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	68.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3000	68.7	72.0	72.7	72.7	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	71.3	74.7	76.0	76.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	74.7	80.0	81.3	81.3	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	76.0	81.3	82.7	82.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	81.3	86.7	88.0	88.0	88.7	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	82.7	88.0	89.3	89.3	90.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	82.7	88.0	90.0	90.0	90.7	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	82.7	88.7	90.7	90.7	91.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	84.0	90.7	92.7	93.3	94.0	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	84.0	91.3	93.3	94.0	94.7	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	86.0	94.0	96.0	96.7	97.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	86.0	94.7	96.7	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	86.0	94.7	96.7	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	86.0	94.7	96.7	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	86.0	94.7	96.7	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	86.0	94.7	96.7	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	86.0	94.7	96.7	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	37.3	40.7	42.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	40.7	44.7	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
18000	40.7	44.7	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
16000	40.7	44.7	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
14000	40.7	44.7	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
12000	40.7	44.7	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
10000	42.7	48.0	50.0	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
9000	42.7	48.0	50.0	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
8000	45.3	50.7	52.7	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
7000	46.0	51.3	53.3	54.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
6000	48.7	54.7	56.7	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
5000	52.7	59.3	61.3	62.0	63.3	63.3	63.3	64.0	64.0	64.7	64.7	64.7	64.7
4500	52.7	59.3	61.3	62.0	63.3	63.3	63.3	64.0	64.0	64.7	64.7	64.7	64.7
4000	52.7	60.7	62.7	63.3	64.7	64.7	64.7	65.3	65.3	66.0	66.0	66.0	66.0
3500	52.7	61.3	63.3	64.0	65.3	65.3	65.3	66.0	66.0	66.7	66.7	66.7	66.7
3000	53.3	62.7	65.3	66.0	68.0	68.0	68.0	68.7	68.7	69.3	69.3	69.3	69.3
2500	55.3	64.7	67.3	68.0	70.0	70.7	71.3	72.0	72.0	72.7	72.7	72.7	72.7
2000	57.3	66.7	69.3	70.0	72.0	72.7	73.3	74.0	74.0	74.7	74.7	74.7	74.7
1800	57.3	67.3	70.0	70.7	72.7	73.3	74.0	74.7	74.7	75.3	75.3	75.3	75.3
1500	59.3	70.7	73.3	74.0	76.0	76.7	77.3	78.0	78.0	78.7	78.7	78.7	78.7
1200	60.7	74.7	77.3	78.0	80.7	81.3	82.0	82.7	82.7	83.3	83.3	83.3	83.3
1000	62.7	80.0	84.0	84.7	87.3	88.0	88.7	89.3	89.3	90.0	90.0	90.0	90.0
900	63.3	81.3	85.3	86.0	88.7	89.3	90.0	90.7	90.7	91.3	91.3	91.3	91.3
800	63.3	81.3	85.3	86.0	89.3	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0
700	64.7	82.7	86.7	87.3	90.7	91.3	92.0	92.7	92.7	93.3	93.3	93.3	93.3
600	65.3	84.7	88.7	89.3	92.7	93.3	94.0	94.7	94.7	95.3	95.3	95.3	95.3
500	65.3	85.3	89.3	90.7	94.0	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7
400	65.3	85.3	89.3	90.7	94.0	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7
300	65.3	85.3	89.3	91.3	94.7	95.3	96.7	97.3	97.3	98.0	98.0	98.0	98.0
200	65.3	85.3	89.3	91.3	94.7	95.3	96.7	97.3	97.3	98.7	98.7	98.7	98.7
100	65.3	85.3	89.3	91.3	94.7	95.3	96.7	97.3	97.3	98.7	98.7	98.7	98.7
0	65.3	85.3	89.3	91.3	94.7	95.3	96.7	97.3	97.3	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

109

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	40.7	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	42.0	44.0	45.3	45.0	46.0	45.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	42.7	44.7	46.0	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	42.7	44.7	46.0	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	42.7	44.7	46.0	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	42.7	44.7	46.0	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000	47.3	50.0	52.0	53.3	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	47.3	50.0	52.0	53.3	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	49.3	54.0	56.0	57.3	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 7000	49.3	54.0	56.0	57.3	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 6000	49.3	54.0	56.0	57.3	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 5000	51.3	57.3	59.3	60.7	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500	51.3	58.7	60.7	62.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4000	52.7	60.0	62.0	64.0	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3500	52.7	60.0	62.0	64.0	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3000	52.7	60.7	62.7	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	55.3	64.7	66.7	68.7	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000	56.0	67.3	69.3	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1800	56.7	70.0	72.7	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1500	59.3	78.7	82.0	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	59.3	80.0	85.3	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	59.3	80.0	85.3	90.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	60.0	80.7	86.0	90.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	60.0	82.0	88.0	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	60.0	82.7	89.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	60.0	82.7	89.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	60.0	82.7	89.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	60.0	82.7	89.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	60.7	83.3	90.0	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	60.7	83.3	90.0	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	60.7	83.3	90.0	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	60.7	83.3	90.0	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

150

12

18130 54221 1225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION 93901 DALLAS, TEXAS STATION NAME 73-77 YEARS MONTH APR 15 HOURS (LST) 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	45.7	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	54.7	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	58.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	58.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	60.7	62.7	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	62.0	64.0	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	62.7	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	65.3	68.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	68.7	72.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	75.3	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	78.0	82.0	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	79.3	84.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	80.7	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	81.3	89.3	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	82.0	90.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	82.0	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	82.7	92.0	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	84.0	93.3	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	84.0	93.3	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	84.0	93.3	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	84.0	94.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	84.0	94.7	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	84.0	94.7	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	84.0	94.7	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	84.0	94.7	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	84.0	94.7	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	84.0	94.7	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	84.0	94.7	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	56.7	57.3	57.3	57.3	57.3	57.3	58.0	58.0	58.0	58.7	58.7
≥ 20000	60.0	62.0	62.0	62.0	62.0	62.0	62.7	62.7	62.7	63.3	63.3
≥ 18000	60.0	62.0	62.0	62.0	62.0	62.0	62.7	62.7	62.7	63.3	63.3
≥ 16000	60.0	62.0	62.0	62.0	62.0	62.0	62.7	62.7	62.7	63.3	63.3
≥ 14000	60.7	62.7	62.7	62.7	62.7	62.7	63.3	63.3	63.3	64.0	64.0
≥ 12000	61.3	64.0	64.0	64.0	64.0	64.0	64.7	64.7	64.7	65.3	65.3
≥ 10000	62.7	66.0	66.0	66.0	66.0	66.0	66.7	66.7	66.7	67.3	67.3
≥ 9000	62.7	66.0	66.0	66.0	66.0	66.0	66.7	66.7	66.7	67.3	67.3
≥ 8000	66.0	70.0	70.0	70.0	70.0	70.0	70.7	70.7	70.7	71.3	71.3
≥ 7000	67.3	71.3	72.0	72.0	72.0	72.0	72.7	72.7	72.7	73.3	73.3
≥ 6000	68.0	72.7	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.7	74.7
≥ 5000	72.0	76.7	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.7	78.7
≥ 4500	72.7	80.0	80.7	80.7	80.7	81.3	82.0	82.0	82.0	82.7	82.7
≥ 4000	74.7	82.0	82.7	82.7	82.7	83.3	84.0	84.0	84.0	84.7	84.7
≥ 3500	76.0	83.3	84.0	84.0	84.0	84.7	85.3	85.3	85.3	86.0	86.0
≥ 3000	78.0	86.0	86.7	86.7	86.7	87.3	88.0	88.0	88.0	88.7	88.7
≥ 2500	78.0	87.3	89.3	89.3	89.3	90.0	90.7	90.7	90.7	91.3	91.3
≥ 2000	80.0	90.0	92.0	92.0	92.0	92.7	93.3	93.3	93.3	94.0	94.0
≥ 1800	80.0	90.0	92.0	92.0	92.0	92.7	93.3	93.3	93.3	94.0	94.0
≥ 1500	80.7	90.7	92.7	92.7	92.7	93.3	94.0	94.0	94.0	94.7	94.7
≥ 1200	80.7	90.7	92.7	92.7	92.7	93.3	94.0	94.0	94.0	94.7	94.7
≥ 1000	80.7	91.3	94.0	94.0	94.0	94.7	95.3	95.3	95.3	96.0	96.0
≥ 900	81.3	92.0	94.7	94.7	94.7	95.3	96.0	96.0	96.0	96.7	96.7
≥ 800	81.3	92.0	94.7	94.7	94.7	95.3	96.7	97.3	97.3	98.0	98.0
≥ 700	81.3	92.0	94.7	94.7	94.7	95.3	96.7	97.3	97.3	98.0	98.0
≥ 600	81.3	92.0	94.7	94.7	94.7	95.3	96.7	97.3	97.3	98.0	98.0
≥ 500	81.3	92.7	96.0	96.0	96.0	96.7	98.0	98.7	98.7	99.3	99.3
≥ 400	81.3	92.7	96.0	96.0	96.0	96.7	98.0	98.7	98.7	99.3	99.3
≥ 300	81.3	92.7	96.0	96.0	96.0	96.7	98.7	99.3	99.3	100.0	100.0
≥ 200	81.3	92.7	96.0	96.0	96.0	96.7	98.7	99.3	99.3	100.0	100.0
≥ 100	81.3	92.7	96.0	96.0	96.0	96.7	98.7	99.3	99.3	100.0	100.0
0	81.3	92.7	96.0	96.0	96.0	96.7	98.7	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	62.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	65.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	65.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	65.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	66.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	66.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	69.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	69.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	72.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	74.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	74.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	76.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	78.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	79.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	79.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	82.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	83.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	83.3	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	84.0	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	85.3	90.0	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	86.7	91.3	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	87.3	92.7	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	87.3	92.7	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	87.3	92.7	94.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	88.0	93.3	94.7	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	88.0	93.3	94.7	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	88.0	94.0	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	88.0	94.0	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	88.0	94.0	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	88.0	94.0	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	88.0	94.0	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	88.0	94.0	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901

STATION NAME
DALLAS, TEXAS

YEARS
73-77

MONTH
APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	48.6	50.3	50.7	50.8	51.0	51.0	51.1	51.1	51.1	51.2	51.2
≥ 20000	52.3	54.9	55.3	55.4	55.4	55.8	55.8	55.8	55.8	55.9	55.9
≥ 18000	52.4	55.0	55.3	55.5	55.8	55.8	55.9	55.9	55.9	56.0	56.0
≥ 16000	52.4	55.0	55.3	55.5	55.8	55.8	55.9	55.9	55.9	56.0	56.0
≥ 14000	52.8	55.3	55.7	55.8	56.1	56.2	56.3	56.3	56.3	56.3	56.3
≥ 12000	53.1	55.8	56.1	56.3	56.5	56.6	56.7	56.7	56.7	56.8	56.8
≥ 10000	55.4	58.8	59.3	59.6	59.9	60.0	60.1	60.1	60.2	60.2	60.2
≥ 9000	55.5	58.8	59.3	59.7	60.0	60.1	60.2	60.2	60.3	60.3	60.3
≥ 8000	58.7	62.4	62.9	63.3	63.7	63.8	63.8	63.8	63.9	63.9	63.9
≥ 7000	59.8	63.5	64.2	64.5	64.9	65.0	65.1	65.2	65.3	65.3	65.3
≥ 6000	61.5	65.5	66.2	66.5	67.0	67.1	67.2	67.3	67.3	67.3	67.4
≥ 5000	64.1	68.4	69.1	69.4	69.9	70.0	70.1	70.2	70.2	70.3	70.4
≥ 4500	64.8	69.8	70.5	70.8	71.3	71.5	71.6	71.7	71.7	71.8	71.9
≥ 4000	66.6	71.8	72.5	73.0	73.5	73.7	73.8	73.8	73.8	74.0	74.1
≥ 3500	68.0	73.4	74.1	74.6	75.1	75.3	75.3	75.4	75.4	75.6	75.7
≥ 3000	69.8	76.0	76.8	77.3	77.9	78.1	78.3	78.3	78.5	78.5	78.6
≥ 2500	71.9	78.8	79.9	80.4	81.1	81.3	81.6	81.7	81.7	81.8	81.9
≥ 2000	73.7	81.6	82.9	83.4	84.1	84.3	84.6	84.7	84.7	84.8	84.9
≥ 1800	74.3	82.7	84.1	84.6	85.3	85.5	85.8	85.8	86.0	86.0	86.1
≥ 1500	76.3	86.0	87.5	88.2	88.9	89.2	89.4	89.6	89.6	89.8	89.9
≥ 1200	76.9	87.6	89.4	90.1	91.1	91.3	91.6	91.8	92.0	92.0	92.1
≥ 1000	77.5	88.8	91.0	92.0	93.1	93.3	93.7	93.8	94.1	94.1	94.2
≥ 900	77.8	89.3	91.7	92.7	93.8	94.0	94.3	94.5	94.8	94.8	94.8
≥ 800	78.0	89.8	92.4	93.6	94.9	95.3	95.6	95.8	96.0	96.0	96.1
≥ 700	78.3	90.5	93.1	94.3	95.8	96.1	96.4	96.6	96.9	96.9	97.0
≥ 600	78.7	91.3	93.9	95.1	96.7	97.0	97.4	97.6	97.9	97.9	98.0
≥ 500	78.8	91.8	94.5	95.8	97.3	97.7	98.2	98.3	98.7	98.7	98.8
≥ 400	78.8	91.8	94.7	96.0	97.6	98.0	98.6	98.6	99.1	99.1	99.2
≥ 300	78.8	91.9	94.8	96.3	97.8	98.4	99.3	99.4	99.8	99.8	99.8
≥ 200	78.8	91.9	94.8	96.3	97.8	98.4	99.3	99.4	99.8	99.8	99.9
≥ 100	78.8	91.9	94.8	96.3	97.8	98.4	99.3	99.4	99.8	99.8	99.9
≥ 0	78.8	91.9	94.8	96.3	97.8	98.4	99.3	99.4	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

1200

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	58.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	69.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	69.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	69.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	69.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	69.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	73.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	74.2	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	76.8	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	77.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	78.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	79.4	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	81.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	84.5	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	85.8	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	87.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	91.0	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	92.9	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	92.9	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	94.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	93.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	93.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	93.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	93.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	93.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	32.9	43.2	45.5	49.0	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	37.4	48.4	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	37.4	48.4	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	37.4	48.4	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	37.4	48.4	51.0	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	38.7	49.7	52.9	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	43.9	54.8	58.1	61.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	43.9	54.8	58.1	61.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	46.5	57.4	60.7	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	47.1	58.1	61.3	65.2	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	47.1	59.4	62.6	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	49.0	61.3	64.5	68.4	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	50.3	63.2	66.5	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	51.0	64.5	68.4	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	51.0	64.5	68.4	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	51.0	65.2	69.0	72.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	52.9	66.5	70.3	74.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	54.8	69.0	73.6	78.1	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	54.8	69.0	73.6	78.1	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1500	57.4	72.9	78.1	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	58.1	72.9	79.4	83.9	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	60.0	76.1	83.9	88.4	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	60.0	76.8	84.5	89.0	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	60.0	77.4	85.2	89.7	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	60.0	78.1	85.8	90.3	93.6	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 600	60.0	78.7	86.5	91.6	94.8	96.1	96.8	96.8	96.8	98.1	98.1	98.1	98.1
≥ 500	60.0	78.7	86.5	91.6	95.5	96.8	97.4	97.4	97.4	98.7	98.7	98.7	98.7
≥ 400	60.0	78.7	86.5	91.6	95.5	96.8	97.4	97.4	97.4	98.7	98.7	98.7	98.7
≥ 300	60.0	78.7	86.5	91.6	95.5	97.4	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 200	60.0	78.7	86.5	91.6	95.5	97.4	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 100	60.0	78.7	86.5	91.6	95.5	97.4	98.1	98.1	98.1	99.4	99.4	99.4	99.4
0	60.0	78.7	86.5	91.6	95.5	97.4	98.1	98.1	98.1	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
03901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)HOURS (LST)
09

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	42.6	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	46.5	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	46.5	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	46.5	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	46.5	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	47.1	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	50.3	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	51.6	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	54.2	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	54.2	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	54.2	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 5000	54.8	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	55.5	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	56.8	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	56.8	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000	58.1	71.0	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	60.7	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	65.8	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	68.4	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	71.6	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	71.6	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	71.6	94.2	94.8	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	71.6	94.2	94.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	72.3	95.5	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	99.4	99.4
≥ 700	72.3	95.5	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	99.4	99.4
≥ 600	72.3	95.5	96.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
≥ 500	72.3	95.5	96.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
≥ 400	72.3	95.5	96.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
≥ 300	72.3	95.5	96.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
≥ 200	72.3	95.5	96.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	72.3	95.5	96.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0
0	72.3	95.5	96.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

135

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	45.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	54.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	54.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	54.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	54.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	55.5	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	61.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	61.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	63.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	64.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	67.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	72.3	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	77.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	80.7	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	85.2	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	85.8	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	86.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	87.1	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	87.1	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	52.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	63.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	63.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	63.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	64.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	65.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	70.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	71.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	74.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	74.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	77.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	78.1	81.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	82.6	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	85.8	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	86.4	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	89.7	94.2	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	90.3	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	90.3	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	90.3	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	90.3	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

94901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	72.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	72.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	72.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	74.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	78.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	78.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	80.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	80.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	81.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	82.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	83.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	85.8	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	87.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	87.7	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	88.4	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	89.0	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	89.0	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	89.0	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY
NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	76.8	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	80.0	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	80.0	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	83.9	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	83.9	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	86.5	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	87.1	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	88.4	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	89.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	89.7	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	89.7	92.9	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	89.7	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	89.7	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	89.7	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	90.3	94.8	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	91.0	95.5	95.5	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	91.0	95.5	95.5	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	91.6	96.1	96.1	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	91.6	96.8	96.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	91.6	96.8	96.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	92.3	97.4	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.3	97.4	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.3	97.4	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.3	97.4	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.3	97.4	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.3	97.4	97.4	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	52.3	55.5	55.9	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	60.8	64.5	65.0	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	60.8	64.5	65.0	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	60.8	64.5	65.0	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	61.2	64.9	65.4	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	62.0	65.7	66.2	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	66.1	70.0	70.7	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	66.8	70.7	71.3	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	69.0	73.0	73.6	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	69.4	73.5	74.1	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	70.0	74.4	75.1	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	71.4	76.2	76.9	77.4	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	72.7	77.9	78.6	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	75.1	80.7	81.5	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	70.6	82.4	83.3	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	78.2	84.4	85.3	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	79.7	86.2	87.2	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	81.8	88.8	89.8	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	82.4	89.6	90.7	91.5	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	83.6	91.5	93.0	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	83.9	91.9	93.7	94.8	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	84.4	93.1	95.0	96.1	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	84.5	93.2	95.2	96.4	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	84.8	93.7	95.7	96.9	97.7	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	84.8	93.9	95.9	97.1	97.9	98.1	98.3	98.3	98.3	98.4	98.5	98.6	98.6	98.6
≥ 600	84.8	94.2	96.2	97.7	98.7	98.9	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4
≥ 500	84.8	94.3	96.3	97.8	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7
≥ 400	84.8	94.3	96.3	97.8	98.9	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7
≥ 300	84.8	94.3	96.4	97.9	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8
≥ 200	84.8	94.3	96.4	97.9	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8
≥ 100	84.8	94.3	96.4	97.9	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8
0	84.8	94.3	96.4	97.9	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	81.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN
MOUTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	66.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	79.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	80.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	81.3	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	81.3	84.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	82.0	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	82.0	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	83.3	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	84.0	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	85.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	85.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	88.0	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	89.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	90.7	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	90.7	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	91.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	92.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	92.0	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	92.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

190

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	43.3	50.7	52.0	54.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	48.0	55.3	57.3	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	48.0	55.3	57.3	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	48.0	55.3	57.3	60.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	48.7	56.0	58.0	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	50.0	57.3	59.3	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	54.7	62.7	65.3	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	55.3	63.3	66.0	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	58.0	66.0	68.7	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	58.0	66.0	68.7	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	58.7	67.3	70.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	59.7	68.0	70.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	59.3	69.3	72.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	59.3	69.3	72.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	59.3	69.3	72.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	60.0	70.7	73.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	62.7	75.3	78.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	66.0	79.3	82.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	66.0	80.0	82.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	68.7	83.3	86.0	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	69.3	84.7	87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	71.3	87.3	90.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	71.3	88.0	90.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	72.0	89.3	92.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	72.7	90.0	92.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	73.3	90.7	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	73.3	90.7	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	73.3	90.7	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	73.3	90.7	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	73.3	90.7	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	73.3	90.7	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	73.3	90.7	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	44.0	50.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	53.3	59.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
18000	53.3	59.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
16000	53.3	59.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
14000	53.3	59.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
12000	54.0	60.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
10000	56.0	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
9000	56.0	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
8000	60.0	66.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
7000	60.0	66.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
6000	60.0	66.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
5000	61.3	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
4500	62.0	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
4000	62.7	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
3500	62.7	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
3000	62.7	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
2500	66.0	75.3	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2000	70.7	80.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1800	72.0	82.0	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
1500	76.7	90.7	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1200	82.0	94.0	96.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	82.7	94.7	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	82.7	94.7	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	82.7	94.7	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	82.7	94.7	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	82.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	82.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	82.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	82.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	82.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	82.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	82.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	53.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	62.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	62.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	62.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	63.3	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	64.7	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	67.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	67.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	68.7	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	69.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	69.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	70.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	71.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	74.0	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	80.0	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	87.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	88.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	89.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	90.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	90.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	90.0	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	90.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

12750 5421

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	58.7	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	73.3	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	88.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	92.7	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	92.7	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	94.7	96.0	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	94.7	96.0	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	94.7	96.0	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

73-77

STATION NAME

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	92.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	82.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	82.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	82.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	84.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000	89.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	90.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 8000	90.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000	90.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	91.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	91.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	91.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	73.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	82.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 18000	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	84.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	84.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	89.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000	89.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	91.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	92.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	93.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	93.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	93.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MONTH
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	60.3	63.6	64.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	69.4	72.7	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 18000	69.4	72.7	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 16000	69.4	72.7	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 14000	69.8	73.0	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 12000	70.7	74.2	74.9	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 10000	74.3	78.1	78.9	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 9000	74.6	78.3	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	75.9	80.7	81.5	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
≥ 7000	77.1	80.8	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	77.6	81.4	82.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 5000	78.3	82.4	83.3	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 4500	79.3	83.7	84.7	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 4000	80.4	85.0	86.1	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 3500	82.1	86.7	87.8	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 3000	83.6	88.7	89.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 2500	84.9	90.4	91.6	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 2000	86.3	92.4	93.6	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 1800	86.6	92.8	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1500	88.3	94.8	96.0	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 1200	89.0	95.8	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1000	89.6	96.4	97.7	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 900	89.7	96.6	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 800	89.8	96.8	98.1	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700	90.0	97.0	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	90.1	97.2	98.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	90.2	97.3	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	90.2	97.3	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	90.2	97.3	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	90.2	97.3	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	90.2	97.3	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	90.2	97.3	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9

1200

TOTAL NUMBER OF OBSERVATIONS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93001
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	76.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000	83.8	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
AI 18000	83.8	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
AI 16000	83.8	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
AI 14000	83.8	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
AI 12000	87.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
AI 10000	90.3	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
AI 9000	90.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
AI 8000	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 7000	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 6000	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 5000	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 4500	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 4000	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 3500	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 3000	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2500	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2000	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1800	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1500	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1200	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1000	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 900	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 800	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 700	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 600	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

154

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	74.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	78.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	78.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	78.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	78.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	80.7	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	87.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	88.4	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	91.0	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

125

2
12754521

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	63.9	65.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	61.3	69.0	71.0	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	61.9	69.7	71.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	61.9	69.7	71.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	62.6	70.3	72.3	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	63.2	72.9	74.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	70.3	80.0	81.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	70.3	80.0	81.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	76.8	87.1	89.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	76.8	87.1	89.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	76.8	87.1	89.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	76.8	87.7	89.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	76.8	87.7	89.7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	78.1	89.7	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	78.1	89.7	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	78.1	89.7	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	78.1	89.7	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	78.1	89.7	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	78.1	89.7	91.6	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	78.7	91.0	92.9	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	78.7	91.6	93.6	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	79.4	92.3	94.2	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	79.4	92.3	94.2	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	79.4	92.3	94.2	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	79.4	92.3	94.2	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	79.4	92.3	94.2	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	79.4	92.3	94.2	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	79.4	92.9	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	79.4	92.9	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.4	92.9	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.4	92.9	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.4	92.9	94.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901STATION NAME
DALLAS, TEXASYEARS
71-77MONTH
JULPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)HOURS (L.S.T.)
09

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	69.0	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	72.9	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	72.9	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	72.9	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	72.9	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	74.8	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	78.1	85.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	78.7	86.5	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	79.4	87.1	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	80.0	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	80.0	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	81.9	89.7	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	81.9	90.3	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	81.9	90.3	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	82.6	91.0	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	82.6	91.0	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	82.6	91.0	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	83.2	91.6	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	83.9	92.3	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	85.2	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	85.2	95.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	85.2	95.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	85.2	95.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	85.2	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	85.2	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	85.2	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	85.2	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	85.2	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	85.2	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.2	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.2	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	85.2	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

125

12

12170 54271

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	65.6	66.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	69.7	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	69.7	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	69.7	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	69.7	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	71.0	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	75.5	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	76.1	78.7	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	77.4	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	77.4	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	77.4	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	80.0	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	80.0	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	84.5	87.1	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	88.4	91.6	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	89.7	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	92.3	95.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	92.3	96.8	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	92.9	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	92.9	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	92.9	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	92.9	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	92.9	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.9	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	74.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	74.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
8000	76.8	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
7000	77.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
6000	78.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
5000	80.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
4500	84.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
4000	88.4	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
3500	89.7	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
3000	91.6	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
2500	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2000	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1800	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1500	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	92.9	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

12

1225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	66.5	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 600	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 500	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 400	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 300	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 200	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 100	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
0	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	73.6	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	82.6	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
18000	82.6	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
16000	83.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
14000	83.2	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
12000	85.2	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
10000	87.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
9000	88.4	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
8000	89.7	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
7000	90.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
6000	91.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
5000	91.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
4500	92.3	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4000	94.2	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3500	94.2	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3000	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2500	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2000	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1800	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1500	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1200	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
900	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	94.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

1225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	67.5	70.5	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	75.1	78.4	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	75.1	78.5	79.3	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	75.3	78.6	79.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	75.4	78.8	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	77.3	80.7	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	81.4	85.7	86.5	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	81.8	86.2	87.0	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	84.3	89.0	89.8	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	84.8	89.5	90.3	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	85.0	89.8	90.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	86.2	91.3	92.1	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	86.8	92.0	92.8	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0
≥ 4000	88.3	93.5	94.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 3500	89.0	94.4	95.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	89.6	95.1	96.1	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5
≥ 2500	90.2	95.6	96.7	97.7	97.9	97.9	98.0	98.0	98.1	98.1	98.1
≥ 2000	90.2	95.8	96.9	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 1800	90.4	96.0	97.0	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4
≥ 1500	90.6	96.5	97.5	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0
≥ 1200	90.6	96.6	97.7	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.2
≥ 1000	90.7	96.7	97.8	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4
≥ 900	90.7	96.7	97.8	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4
≥ 800	90.7	96.9	98.0	99.0	99.3	99.3	99.4	99.4	99.5	99.5	99.5
≥ 700	90.7	96.9	98.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6
≥ 600	90.7	96.9	98.1	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7
≥ 500	90.7	96.9	98.1	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7
≥ 400	90.7	97.0	98.1	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 300	90.7	97.0	98.1	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 200	90.7	97.0	98.1	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 100	90.7	97.0	98.1	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 0	90.7	97.0	98.1	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1239

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 20000	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 16000	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 14000	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 9000	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG.
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	49.7	61.9	67.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	52.3	65.2	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	52.3	65.2	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	52.3	65.2	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	52.3	65.2	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	52.9	65.8	71.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	57.4	70.3	76.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	50.1	71.0	76.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	64.5	78.7	84.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	64.5	78.7	84.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	65.2	79.4	85.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	66.5	80.7	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	66.5	80.7	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	67.1	81.3	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	67.1	81.3	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	67.1	81.3	87.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	68.4	82.6	88.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	68.4	82.6	89.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	68.4	82.6	89.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	69.0	83.2	90.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	69.0	83.2	90.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	69.7	83.9	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	69.7	83.9	91.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	71.6	86.5	93.6	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	72.3	87.1	94.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	72.3	87.1	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	72.3	87.1	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	72.3	87.1	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	72.3	87.1	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	72.3	87.1	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	72.3	87.1	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	72.3	87.1	94.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

18130 54321

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	52.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	56.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	56.8	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	56.8	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	56.8	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	57.4	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	62.6	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	63.2	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	65.8	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	65.8	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	65.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	67.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	67.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	68.4	89.0	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	69.0	89.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	69.0	89.7	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	69.0	89.7	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	70.3	91.0	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	70.3	91.0	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	71.6	92.9	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	71.6	92.9	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	71.6	94.2	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	71.6	94.2	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	71.6	94.2	96.1	96.8	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 700	71.6	94.2	96.1	96.8	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 600	71.6	94.2	96.1	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 500	71.6	94.2	96.1	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 400	71.6	94.2	96.1	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 300	71.6	94.2	96.1	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 200	71.6	94.2	96.1	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 100	71.6	94.2	96.1	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 0	71.6	94.2	96.1	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	61.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	65.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	65.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	65.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	65.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	68.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	72.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	72.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	74.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	74.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	74.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	76.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	78.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	81.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	82.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	83.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	84.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	85.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	85.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	87.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

12295 06181

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	58.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	68.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	68.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	68.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	68.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	71.0	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	76.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	76.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	77.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	77.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	77.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	83.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	85.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	87.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	89.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	89.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	89.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	90.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
03901STATION NAME
DALLAS, TEXAS

73-77

YEARS

MONTH
AUGPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)HOURS (LST)
18

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	62.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	76.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	76.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	76.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	76.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	80.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	85.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	85.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	87.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	87.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	87.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	91.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	92.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

21

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	72.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 18000	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 16000	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 14000	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 12000	85.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
AI 10000	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI 9000	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI 8000	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 7000	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 6000	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 5000	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 4500	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 4000	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 3500	95.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 3000	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2500	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2000	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1800	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1500	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1200	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1000	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 900	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 800	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 700	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 600	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 0	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	64.1	70.2	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	71.1	77.6	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	71.1	77.6	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	71.2	77.7	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	71.4	77.9	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	73.2	80.1	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	78.6	85.7	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	78.9	86.1	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	81.5	88.9	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	81.5	88.9	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	81.9	89.3	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	84.1	91.8	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	84.8	92.5	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	85.6	93.9	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	86.3	94.5	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	86.5	94.8	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	86.9	95.2	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	87.2	95.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	87.3	95.7	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	87.7	96.3	97.4	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	87.8	96.4	97.5	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	87.9	96.6	97.8	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	88.0	96.8	98.1	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	88.2	97.0	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	88.3	97.1	98.4	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	88.3	97.1	98.4	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.4	97.2	98.5	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	88.4	97.2	98.5	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	88.4	97.2	98.5	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.4	97.2	98.5	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.4	97.2	98.5	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	88.4	97.2	98.5	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1240

2

12725 5423

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	65.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	65.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	65.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	66.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	70.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	78.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	78.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	79.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	80.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	81.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	83.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	84.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	84.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	84.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	84.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	85.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	85.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	86.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	87.3	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	87.3	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	87.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	87.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	87.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	87.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	87.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	88.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	88.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	89.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	89.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	89.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	89.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	64.7	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	66.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	66.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	66.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	67.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	69.3	73.3	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	75.3	79.3	79.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	75.3	79.3	79.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	76.0	82.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	79.3	84.0	84.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	80.7	85.3	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	80.7	85.3	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	81.3	86.7	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	82.0	87.3	87.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	82.0	87.3	88.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	82.7	88.0	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	82.7	89.3	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	82.7	89.3	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	82.7	89.3	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	85.3	92.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	85.3	92.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	85.3	92.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	85.3	92.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	86.7	93.3	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	86.7	93.3	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	86.7	93.3	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	86.7	94.0	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	87.3	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	87.3	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	87.3	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	87.3	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0	87.3	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)06
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	43.3	50.0	53.3	54.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	45.3	52.7	56.0	57.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 18000	45.3	52.7	56.0	57.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 16000	45.3	52.7	56.0	57.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 14000	45.3	52.7	56.0	57.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 12000	47.3	54.7	58.0	59.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
AI 10000	52.0	59.3	63.3	64.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
AI 9000	52.0	59.3	63.3	64.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
AI 8000	53.3	61.3	66.0	67.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
AI 7000	53.3	61.3	66.0	67.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
AI 6000	54.0	62.0	66.7	68.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
AI 5000	54.7	63.3	68.0	69.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
AI 4500	54.7	63.3	68.0	70.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
AI 4000	56.7	66.7	71.3	73.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 3500	58.7	68.7	73.3	75.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 3000	58.7	68.7	73.3	75.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 2500	58.7	68.7	73.3	75.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 2000	60.0	70.0	74.7	76.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 1800	60.0	70.0	74.7	76.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 1500	61.3	72.0	76.7	78.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 1200	62.7	74.7	79.3	81.3	84.0	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 1000	64.7	77.3	82.0	84.0	86.7	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
AI 900	65.3	78.0	82.7	84.7	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
AI 800	66.7	79.3	84.0	86.0	90.0	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 700	66.7	80.0	84.7	86.7	90.7	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 600	66.7	80.0	84.7	86.7	90.7	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 500	66.7	80.7	85.3	88.0	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 400	66.7	81.3	86.0	88.7	93.3	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 300	66.7	82.0	86.7	89.3	94.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 200	66.7	82.0	86.7	89.3	94.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 100	66.7	82.0	86.7	89.3	94.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 0	66.7	82.0	86.7	89.3	94.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901STATION NAME
DALLAS, TEXAS

73-77

YEARS

SEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)09
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	38.0	49.3	50.0	51.3	51.3	51.3	52.0	52.0	52.0	52.0	52.0
≥ 20000	40.0	53.3	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0
≥ 18000	40.0	53.3	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0
≥ 16000	40.0	53.3	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0
≥ 14000	40.7	54.0	54.7	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7
≥ 12000	41.3	54.7	55.3	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3
≥ 10000	44.7	58.0	60.0	61.3	61.3	61.3	62.0	62.0	62.0	62.0	62.0
≥ 9000	44.7	58.0	60.0	61.3	61.3	61.3	62.0	62.0	62.0	62.0	62.0
≥ 8000	48.0	61.3	63.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0
≥ 7000	48.0	61.3	63.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0
≥ 6000	48.0	62.0	64.0	66.0	66.0	66.0	66.7	66.7	66.7	66.7	66.7
≥ 5000	48.7	62.7	64.7	66.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3
≥ 4500	49.3	63.3	65.3	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0
≥ 4000	49.3	64.7	67.3	69.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0
≥ 3500	50.7	66.0	69.3	71.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0
≥ 3000	53.3	68.7	72.0	74.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7
≥ 2500	54.0	69.3	73.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0	76.0
≥ 2000	56.0	71.3	76.0	78.0	78.7	78.7	80.0	80.0	80.0	80.0	80.0
≥ 1800	57.3	72.7	77.3	79.3	80.0	80.0	81.3	81.3	81.3	81.3	81.3
≥ 1500	61.3	76.7	81.3	83.3	84.7	84.7	86.0	86.7	86.7	86.7	86.7
≥ 1200	61.3	78.7	84.7	86.7	88.0	88.0	89.3	90.0	90.0	90.0	90.0
≥ 1000	62.0	80.0	86.0	88.0	89.3	89.3	90.7	91.3	91.3	91.3	91.3
≥ 900	62.0	80.0	86.0	88.0	89.3	89.3	90.7	91.3	91.3	91.3	91.3
≥ 800	62.7	80.7	86.7	89.3	92.0	92.0	93.3	94.0	94.0	94.0	94.0
≥ 700	62.7	80.7	86.7	89.3	92.0	92.0	93.3	94.0	94.0	94.0	94.0
≥ 600	63.3	81.3	87.3	90.0	93.3	93.3	95.3	96.0	96.0	96.0	96.0
≥ 500	63.3	81.3	87.3	90.7	94.7	95.3	98.0	98.7	98.7	98.7	98.7
≥ 400	63.3	81.3	87.3	90.7	95.3	96.0	98.7	99.3	99.3	99.3	99.3
≥ 300	63.3	81.3	87.3	90.7	95.3	96.0	98.7	99.3	99.3	99.3	99.3
≥ 200	63.3	81.3	87.3	90.7	95.3	96.0	98.7	99.3	99.3	99.3	99.3
≥ 100	63.3	81.3	87.3	90.7	95.3	96.0	98.7	99.3	99.3	99.3	99.3
≥ 0	63.3	81.3	87.3	90.7	95.3	96.0	98.7	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

12

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	47.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	52.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	53.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	53.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	54.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	55.3	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	60.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	60.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	61.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	61.3	68.7	69.3	69.3	69.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	62.0	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	64.7	72.0	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	66.0	73.3	74.0	74.0	74.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	68.0	75.3	76.0	76.0	76.0	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	70.7	78.7	79.3	79.3	79.3	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	73.3	82.0	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	74.0	84.7	85.3	86.0	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	74.0	85.3	86.0	86.7	87.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	74.0	85.3	86.0	86.7	87.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	76.0	88.7	89.3	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	75.7	90.7	92.0	92.7	93.3	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	76.7	91.3	94.0	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	76.7	92.0	94.7	95.3	96.0	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	76.7	92.0	94.7	95.3	96.0	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	76.7	92.7	95.3	96.0	96.7	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	76.7	92.7	95.3	96.0	96.7	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	76.7	92.7	95.3	96.0	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	76.7	92.7	95.3	96.0	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	76.7	92.7	95.3	96.0	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	76.7	92.7	95.3	96.0	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	76.7	92.7	95.3	96.0	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	76.7	92.7	95.3	96.0	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	61.3	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	65.3	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	66.0	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	69.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	69.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	69.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	72.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	75.3	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	78.7	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	80.0	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	80.7	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	82.0	87.3	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	84.7	91.3	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	86.0	92.7	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	86.0	93.3	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	86.0	93.3	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	86.0	93.3	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

2

12245 DE 197

722

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP
MONTH18
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	56.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	63.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	63.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	63.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000	63.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	66.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	70.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	70.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	72.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	72.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	73.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	75.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	75.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	75.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	75.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	76.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	77.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	78.0	90.7	90.7	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	78.7	91.3	91.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	79.3	92.7	92.7	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	80.0	94.0	94.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	80.0	94.0	94.0	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901

DALLAS, TEXAS

YEARS
73-77

MONTH
SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
21

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	65.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	69.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	69.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	69.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	70.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	72.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	77.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	77.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	76.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	80.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	80.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	82.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	83.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	84.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	84.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	85.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	85.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	85.3	90.0	90.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	86.0	90.7	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	87.3	92.7	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	87.3	92.7	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	87.3	92.7	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	87.3	92.7	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	88.0	93.3	94.0	94.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	88.0	93.3	94.0	94.0	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	88.7	94.7	95.3	96.0	96.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	88.7	94.7	95.3	96.0	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	88.7	94.7	95.3	96.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.7	94.7	95.3	96.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.7	94.7	95.3	96.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.7	94.7	95.3	96.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	88.7	94.7	95.3	96.0	96.7	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	54.2	58.1	58.7	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	57.8	63.1	63.7	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5
≥ 18000	57.9	63.2	63.8	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	57.9	63.2	63.8	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	58.4	63.8	64.3	64.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	50.3	65.8	66.3	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	65.3	71.2	72.0	72.5	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	65.5	71.4	72.3	72.8	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	67.6	74.3	75.2	75.8	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	68.0	74.8	75.8	76.3	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	68.7	75.6	76.5	77.1	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7
≥ 5000	70.3	77.3	78.3	78.8	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	71.1	78.1	79.0	79.7	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3
≥ 4000	72.3	79.9	80.9	81.6	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3
≥ 3500	73.4	81.3	82.3	83.0	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7
≥ 3000	74.3	82.4	83.6	84.3	84.7	84.8	85.0	85.1	85.1	85.1	85.1	85.1
≥ 2500	74.9	83.6	85.1	86.0	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9
≥ 2000	75.8	84.8	86.4	87.4	88.1	88.3	88.4	88.8	88.8	88.8	88.8	88.8
≥ 1800	76.3	85.4	87.0	88.0	88.7	88.9	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	78.0	87.6	89.2	90.2	90.9	91.2	91.6	91.8	91.8	91.8	91.8	91.8
≥ 1200	78.3	88.6	90.5	91.6	92.3	92.6	93.1	93.3	93.3	93.3	93.3	93.3
≥ 1000	78.7	89.3	91.4	92.6	93.5	93.8	94.4	94.7	94.7	94.7	94.7	94.7
≥ 900	78.8	89.6	91.7	92.8	93.8	94.3	94.8	95.1	95.1	95.1	95.1	95.1
≥ 800	79.3	90.1	92.2	93.4	94.7	95.2	95.8	96.1	96.1	96.1	96.1	96.1
≥ 700	79.3	90.3	92.4	93.7	95.0	95.5	96.3	96.6	96.6	96.6	96.6	96.6
≥ 600	79.4	90.5	92.7	94.0	95.5	96.0	96.9	97.2	97.2	97.3	97.3	97.3
≥ 500	79.6	90.9	93.1	94.6	96.3	97.1	98.1	98.3	98.4	98.4	98.4	98.4
≥ 400	79.7	91.3	93.4	94.9	96.8	97.6	98.8	99.1	99.1	99.3	99.3	99.3
≥ 300	79.8	91.4	93.6	95.1	96.9	97.8	99.1	99.3	99.3	99.6	99.6	99.6
≥ 200	79.8	91.4	93.6	95.1	96.9	97.8	99.1	99.4	99.4	99.8	99.8	99.8
≥ 100	79.8	91.4	93.6	95.1	96.9	97.8	99.1	99.4	99.4	99.8	99.8	99.8
≥ 0	79.8	91.4	93.6	95.1	96.9	97.8	99.1	99.4	99.4	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1200

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

2

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	83.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	83.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	84.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	84.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	88.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

72-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 18000	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 16000	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 14000	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 12000	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
AI 10000	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
AI 9000	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
AI 8000	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
AI 7000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI 6000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI 5000	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 4500	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
AI 4000	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 3500	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 3000	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 2500	80.7	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
AI 2000	83.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 1800	84.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 1500	86.5	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 1200	87.1	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
AI 1000	87.1	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
AI 900	87.1	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
AI 800	88.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 700	89.0	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
AI 600	89.7	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AI 500	90.3	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 400	90.3	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 300	90.3	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 200	90.3	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 100	90.3	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 0	90.3	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	49.0	51.0	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9
≥ 20000	50.3	52.3	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.8
≥ 18000	50.3	52.3	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.8
≥ 16000	50.3	52.3	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.8
≥ 14000	50.3	52.3	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.8
≥ 12000	51.6	53.6	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1
≥ 10000	54.8	56.8	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.4
≥ 8000	54.8	56.8	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.4
≥ 6000	60.7	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8
≥ 5000	60.7	63.2	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8
≥ 4500	63.9	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.0
≥ 4000	64.5	67.7	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.6
≥ 3500	64.5	67.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 3000	66.5	71.0	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 2500	67.1	71.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8
≥ 2000	67.7	72.9	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.1
≥ 1800	68.4	73.6	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 1500	72.9	78.7	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.5
≥ 1200	74.2	80.0	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.1
≥ 1000	75.5	81.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 900	75.5	81.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 800	75.5	83.2	88.4	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 700	76.8	86.5	91.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8
≥ 600	77.4	87.7	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.1
≥ 500	78.1	89.0	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.4
≥ 400	78.1	89.7	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 300	78.1	89.7	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
≥ 200	78.1	89.7	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.4
≥ 100	78.1	89.7	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.4
≥ 0	78.1	89.7	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

155

12125

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

09

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	43.2	51.6	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	44.5	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	45.2	55.5	56.1	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	45.2	55.5	56.1	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	45.2	55.5	56.1	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	47.1	58.1	58.7	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	49.0	61.9	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	50.3	63.2	63.9	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	54.2	67.7	68.4	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	55.5	69.0	69.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	55.5	69.0	69.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	57.4	71.6	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	57.4	71.6	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	57.4	71.6	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	57.4	72.3	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	57.4	72.3	74.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	58.7	75.5	77.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	58.7	75.5	77.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	61.3	79.4	81.3	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	63.9	82.6	85.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	63.9	83.9	87.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	63.9	84.5	87.7	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	64.5	85.2	88.4	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	64.5	85.8	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	64.5	85.8	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	64.5	85.8	89.7	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	64.5	85.8	90.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	64.5	85.8	90.3	95.5	97.4	97.4	97.4	97.4	97.4	98.1	99.4	99.4	99.4	99.4
≥ 300	64.5	85.8	90.3	95.5	97.4	97.4	97.4	97.4	97.4	98.1	99.4	99.4	99.4	99.4
≥ 200	64.5	85.8	90.3	95.5	97.4	97.4	97.4	98.1	98.1	98.7	100.0	100.0	100.0	100.0
≥ 100	64.5	85.8	90.3	95.5	97.4	97.4	98.1	98.1	98.1	98.7	100.0	100.0	100.0	100.0
0	64.5	85.8	90.3	95.5	97.4	97.4	98.1	98.1	98.1	98.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	54.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	59.4	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	59.4	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	59.4	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	59.4	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	61.3	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	65.8	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	66.5	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	66.5	72.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	67.1	72.9	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	67.7	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	70.3	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	70.3	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	71.0	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	71.0	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	75.5	83.9	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	77.4	87.1	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	79.4	89.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	80.7	91.6	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	80.7	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	80.7	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	81.3	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	81.9	94.2	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	81.9	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	81.9	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	78.7	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	79.4	81.3	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	81.3	83.9	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	83.2	85.8	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	85.8	88.4	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	87.1	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	89.0	92.9	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	89.0	93.6	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	89.7	94.2	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	89.7	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	89.7	94.8	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	90.3	95.5	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	90.3	96.1	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	71.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	71.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	71.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	74.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	80.0	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	80.7	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	83.2	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	83.2	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	83.2	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	84.5	86.5	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	84.5	86.5	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	85.2	87.1	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	85.8	87.7	88.4	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	86.5	88.4	89.0	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	87.1	90.3	91.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	88.4	91.6	93.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	88.4	91.6	93.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	89.7	92.9	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	89.7	92.9	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	89.7	92.9	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	89.7	92.9	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	90.3	94.2	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	90.3	94.2	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	90.3	94.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	90.3	94.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	90.3	94.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	90.3	94.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	90.3	94.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	90.3	94.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	90.3	94.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

OCT

MONTH

21

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	86.5	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	87.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	88.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	88.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	88.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	88.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	88.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	89.7	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	90.3	92.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	90.3	92.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	90.3	93.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	91.0	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	91.6	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
93901

DALLAS, TEXAS

73-77

STATION NAME

YEARS

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	59.9	61.9	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	63.1	65.5	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2
≥ 18000	63.2	65.6	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
≥ 16000	63.2	65.6	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
≥ 14000	63.4	65.8	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	65.2	67.8	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	69.7	72.9	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9
≥ 9000	70.0	73.2	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
≥ 8000	72.7	76.1	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
≥ 7000	73.2	76.8	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 6000	73.5	77.3	77.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
≥ 5000	75.5	79.5	80.2	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0
≥ 4500	75.6	79.8	80.5	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
≥ 4000	76.3	80.7	81.5	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7
≥ 3500	76.6	81.1	81.9	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3
≥ 3000	78.0	82.9	83.8	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 2500	79.0	84.6	85.7	86.6	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	80.4	86.5	87.7	88.9	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6
≥ 1800	81.1	87.5	88.8	89.9	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 1500	82.7	89.5	91.1	92.3	92.7	92.7	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 1200	83.2	90.3	92.0	93.4	93.9	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 1000	83.6	91.1	92.8	94.3	94.8	94.8	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.4
≥ 900	83.9	91.4	93.1	94.5	95.1	95.1	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.7
≥ 800	84.3	92.3	94.1	95.7	96.3	96.3	96.6	96.7	96.7	96.8	96.8	96.9	96.9	96.9
≥ 700	84.5	92.9	94.8	96.4	97.0	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6
≥ 600	84.7	93.2	95.1	97.1	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4
≥ 500	84.8	93.5	95.4	97.4	98.2	98.2	98.6	98.6	98.6	98.7	98.8	98.9	98.9	98.9
≥ 400	84.8	93.6	95.5	97.5	98.3	98.3	98.8	98.9	98.9	99.0	99.3	99.4	99.4	99.4
≥ 300	84.8	93.6	95.6	97.6	98.6	98.6	99.1	99.3	99.3	99.4	99.7	99.8	99.8	99.8
≥ 200	84.8	93.6	95.6	97.6	98.6	98.6	99.2	99.4	99.4	99.5	99.8	99.8	99.8	99.8
≥ 100	84.8	93.6	95.6	97.6	98.6	98.6	99.2	99.4	99.4	99.5	99.8	99.8	99.8	99.8
≥ 0	84.8	93.6	95.6	97.6	98.6	98.6	99.2	99.4	99.4	99.5	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1240

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.7	63.3	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	64.0	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	64.0	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	64.0	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	64.0	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	64.7	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	66.0	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	66.0	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	67.3	68.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	68.0	69.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	69.3	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	72.0	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	73.3	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	73.3	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	75.3	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	76.7	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	81.3	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	82.0	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	84.7	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	86.7	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	88.7	90.0	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	90.0	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	90.7	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	91.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	92.0	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	92.0	94.0	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	92.0	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	92.0	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	92.0	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	92.0	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	92.0	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901

STATION DALLAS, TEXAS

73-77

STATION NAME

YEARS

INDV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

03

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.0	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 20000	52.0	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 18000	52.0	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 16000	52.0	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 14000	52.0	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0
≥ 12000	52.0	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.7	54.7
≥ 10000	53.3	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	56.0	56.0
≥ 9000	53.3	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	56.0	56.0
≥ 8000	56.7	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.3	59.3
≥ 7000	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.3	61.3
≥ 6000	60.0	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.7	62.7
≥ 5000	61.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.7	64.7
≥ 4500	62.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3	65.3
≥ 4000	62.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0	66.0
≥ 3500	64.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3	67.3
≥ 3000	68.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0
≥ 2500	70.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.0
≥ 2000	74.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.7	78.7
≥ 1800	74.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3	79.3
≥ 1500	76.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0
≥ 1200	78.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0
≥ 1000	80.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7	88.7
≥ 900	82.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0
≥ 800	84.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	93.3	93.3
≥ 700	84.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	93.3	93.3
≥ 600	85.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	94.0	94.0
≥ 500	86.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	95.3	95.3
≥ 400	86.7	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3
≥ 300	86.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.0	96.0
≥ 200	86.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	97.3	97.3
≥ 100	86.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	99.3	99.3
≥ 0	86.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	48.7	49.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	48.7	49.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	48.7	49.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	48.7	49.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	48.7	49.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	48.7	49.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000	51.3	52.0	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	51.3	52.0	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 8000	54.7	55.3	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 7000	55.3	56.0	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	56.7	57.3	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	58.0	58.7	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	59.3	60.0	61.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 4000	62.7	63.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500	62.7	64.0	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3000	65.3	66.7	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 2500	66.0	67.3	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2000	71.3	73.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	71.3	73.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	74.7	79.3	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	75.3	80.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1000	78.7	83.3	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 900	78.7	84.7	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	80.7	86.7	88.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	82.7	88.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	82.7	89.3	90.7	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	82.7	90.0	91.3	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	82.7	90.0	91.3	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	82.7	90.0	91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 200	82.7	90.0	91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 100	82.7	90.0	91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0	82.7	90.0	91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV
MONTH

09

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	39.3	44.0	44.0	44.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	42.7	47.3	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	42.7	47.3	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	42.7	47.3	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	42.7	47.3	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 12000	42.7	47.3	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	46.7	51.3	51.3	51.3	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	46.7	51.3	51.3	51.3	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	49.3	54.0	54.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 7000	50.7	55.3	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 6000	51.3	56.0	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000	54.0	59.3	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	54.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4000	55.3	61.3	62.0	62.0	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3500	56.0	62.0	62.7	62.7	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3000	56.7	64.7	66.0	66.0	66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2500	61.3	68.0	69.3	69.3	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000	63.3	71.3	72.7	72.7	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800	64.0	72.0	73.3	73.3	73.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	66.7	77.3	78.7	78.7	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	67.3	78.7	80.0	80.0	80.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	68.7	82.7	86.0	86.0	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	68.7	82.7	86.0	86.0	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	69.3	85.3	89.3	90.0	90.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	69.3	85.3	90.0	91.3	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	69.3	85.3	90.0	91.3	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	69.3	86.0	91.3	92.7	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	69.3	86.0	91.3	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	69.3	86.0	91.3	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	69.3	86.0	91.3	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	69.3	86.0	91.3	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 0	69.3	86.0	91.3	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS

150

2

1225 545221

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	46.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	53.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	53.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	53.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	53.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	53.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	54.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	54.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	54.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 7000	57.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	58.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	60.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4500	60.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	62.0	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3500	64.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3000	70.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	72.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	73.3	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1800	74.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1500	76.7	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	78.0	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	78.7	91.3	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	78.7	92.7	93.3	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	78.7	93.3	94.7	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	78.7	94.0	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	78.7	94.0	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	78.7	94.7	96.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	78.7	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	78.7	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	78.7	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	76.7	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	78.7	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4500	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	79.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	81.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	81.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	82.0	90.0	90.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	82.0	90.7	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	82.7	92.7	95.3	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	82.7	92.7	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	82.7	93.3	96.0	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	82.7	94.0	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	82.7	94.0	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	82.7	94.0	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	82.7	94.0	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	82.7	94.0	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	82.7	94.0	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	82.7	94.0	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	82.7	94.0	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	76.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	79.3	82.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	82.7	86.7	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	82.7	86.7	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	83.3	89.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	83.3	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	84.7	92.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	84.7	93.3	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	84.7	94.0	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	84.7	94.0	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	84.7	94.7	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	84.7	94.7	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	84.7	94.7	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	84.7	94.7	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	84.7	94.7	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	84.7	94.7	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	84.7	94.7	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	65.3
≥ 20000	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7	68.7
≥ 18000	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7	68.7
≥ 16000	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7	68.7
≥ 14000	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7	68.7
≥ 12000	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.3	69.3	69.3	69.3
≥ 10000	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0	70.0	70.0	70.0
≥ 9000	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0	70.0	70.0	70.0
≥ 8000	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.0
≥ 7000	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3
≥ 6000	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3
≥ 5000	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0
≥ 4500	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7
≥ 4000	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 3500	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 3000	80.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 2500	82.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0	86.0
≥ 2000	83.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3	87.3	87.3
≥ 1800	83.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3	87.3	87.3
≥ 1500	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7	90.7	90.7	90.7
≥ 1200	87.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 1000	89.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3	95.3
≥ 900	89.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3	95.3
≥ 800	90.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.0	96.0	96.0	96.0
≥ 700	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 600	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 500	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 400	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 300	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 200	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 100	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3
0	90.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	54.0	55.7	55.8	55.8	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.3
≥ 20000	56.8	58.4	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0
≥ 18000	56.8	58.4	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0
≥ 16000	56.8	58.4	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0
≥ 14000	56.8	58.4	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0
≥ 12000	57.0	58.8	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3
≥ 10000	58.8	60.7	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3
≥ 9000	58.9	60.8	60.9	60.9	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
8000	60.8	62.8	62.9	62.9	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
7000	62.2	64.1	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8
6000	62.9	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
5000	65.2	67.3	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.2
4500	66.3	68.4	68.8	68.8	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.3
4000	67.8	70.2	70.6	70.7	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2
3500	69.3	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
3000	71.8	74.6	75.1	75.2	75.3	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
2500	73.6	77.0	77.5	77.6	77.8	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3
2000	76.3	80.3	80.8	80.8	81.2	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.7
1800	76.8	80.7	81.2	81.3	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.2
1500	78.9	85.1	85.7	85.8	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.7
1200	79.8	86.8	87.5	87.8	88.1	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.6
1000	81.5	89.3	90.5	90.8	91.3	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
900	81.8	90.1	91.3	91.7	92.1	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.8
800	82.7	91.4	92.8	93.2	93.7	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.6
700	83.1	92.2	93.6	94.1	94.6	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.8
600	83.3	92.5	94.0	94.7	95.4	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.8
500	83.4	92.9	94.5	95.2	96.0	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.5
400	83.4	93.1	94.3	95.5	96.6	97.2	97.8	97.9	97.9	98.1	98.1	98.1	98.3
300	83.4	93.1	94.6	95.7	96.8	97.3	98.0	98.2	98.2	98.5	98.5	98.6	98.8
200	83.4	93.1	94.8	95.7	96.8	97.4	98.2	98.5	98.5	99.0	99.1	99.2	99.4
100	83.4	93.1	94.8	95.7	96.8	97.4	98.2	98.5	98.5	99.0	99.1	99.2	99.4
0	83.4	93.1	94.9	95.7	96.8	97.4	98.2	98.5	98.5	99.0	99.1	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

NOVA WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

DALLAS, TEXAS

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	89.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	89.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	89.7	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	89.7	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	90.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	91.0	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	91.0	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	91.0	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	91.0	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	91.0	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	91.0	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

12154271

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	65.8	66.5	66.5	66.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2000	67.7	68.4	68.4	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1800	67.7	68.4	68.4	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1600	67.7	68.4	68.4	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1400	67.7	68.4	68.4	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1200	67.7	68.4	68.4	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1000	70.3	71.0	71.0	71.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 900	71.0	71.6	71.6	71.6	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 800	74.2	74.8	74.8	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 700	75.5	76.1	76.1	76.1	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 600	75.5	76.1	76.1	76.1	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 500	75.5	76.8	76.8	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 450	75.5	76.8	76.8	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 400	76.1	77.4	77.4	77.4	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 350	77.4	78.7	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 300	78.1	79.4	79.4	79.4	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 250	78.7	80.0	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 200	80.7	81.9	81.9	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	80.7	81.9	81.9	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	83.9	86.5	86.5	86.5	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	84.5	87.1	87.1	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	84.5	87.7	87.7	87.7	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	84.5	87.7	87.7	87.7	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	86.5	90.3	91.0	91.0	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	86.5	91.6	92.3	92.3	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	86.5	92.3	92.9	93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	86.5	92.9	93.6	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	87.7	94.2	94.8	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	87.7	94.2	94.8	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	87.7	94.2	94.8	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	87.7	94.2	94.8	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	87.7	94.2	94.8	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	85.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	85.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 200	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 100	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
0	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS

125

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

09

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	49.7	53.6	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	56.8	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	57.4	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	57.4	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	58.1	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	58.7	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	60.7	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	60.7	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	61.9	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	63.9	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	63.9	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	65.8	71.6	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	66.5	72.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	66.5	72.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	67.7	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	68.4	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	69.7	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	69.7	76.1	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	70.3	77.4	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	72.9	81.9	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	73.6	82.6	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	75.5	86.5	87.1	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	75.5	86.5	87.1	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	75.5	87.7	88.4	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	76.1	86.4	89.0	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	76.6	90.3	91.0	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	76.8	91.0	91.6	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	76.8	91.0	92.3	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	76.8	91.0	92.3	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	76.8	91.0	92.3	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	76.8	91.0	92.3	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 0	76.8	91.0	92.3	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
8000	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
7000	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
6000	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
5000	74.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
4500	74.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
4000	74.8	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
3500	76.8	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3000	77.4	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2500	79.4	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2000	79.4	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1800	80.0	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1500	81.9	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1200	83.2	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1000	84.5	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
900	84.5	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
800	84.5	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
700	84.5	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
600	84.5	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
500	84.5	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
400	84.5	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
300	84.5	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
200	84.5	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
100	84.5	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0	84.5	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	61.3	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	71.0	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	71.0	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	71.0	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	71.6	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	72.3	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	75.5	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	75.5	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	77.4	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	79.4	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	79.4	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	80.7	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	80.7	82.6	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	81.9	83.9	83.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	81.9	84.5	84.5	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	82.6	85.2	85.2	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	83.2	85.8	85.8	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	83.2	85.8	85.8	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	85.2	88.4	88.4	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	85.8	89.0	89.0	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	85.8	89.7	90.3	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	85.8	89.7	90.3	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	85.8	90.3	91.0	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	85.8	90.3	91.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	85.8	90.3	91.6	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	85.8	90.3	91.6	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	85.8	90.3	91.6	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	85.8	90.3	91.6	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	85.8	90.3	91.6	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	85.8	90.3	91.6	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	85.8	90.3	91.6	93.6	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	66.5	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	70.3	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	70.3	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	71.0	72.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	72.3	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	73.6	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	75.5	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	75.5	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	78.7	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	80.0	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	81.3	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	83.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	83.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	83.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	83.9	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	83.9	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	83.9	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 700	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 400	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 300	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 200	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 100	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 0	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7

TOTAL NUMBER OF OBSERVATIONS

155

2

12030 54373

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	89.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	89.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	89.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	89.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	89.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	89.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93901
STATION

DALLAS, TEXAS

73-77

STATION NAME

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	61.9	63.2	63.3	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	66.7	68.0	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	66.8	68.1	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	66.9	68.2	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	67.3	68.7	68.9	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	68.4	69.8	70.0	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	71.1	72.6	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	71.3	72.7	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	73.2	74.7	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	74.2	75.7	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	74.5	76.0	76.1	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	75.5	77.3	77.5	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	76.1	77.8	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	76.9	78.8	79.0	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	77.9	79.8	80.0	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	78.7	80.8	81.1	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	80.1	82.3	82.6	83.0	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	81.1	83.6	83.9	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	81.3	83.9	84.2	84.6	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	83.6	87.1	87.5	87.9	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	84.0	87.6	88.1	88.5	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	84.9	89.2	89.6	90.4	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	85.0	89.3	89.9	90.5	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	85.5	90.6	91.4	91.9	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	85.6	90.9	91.8	92.4	93.3	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	85.7	91.4	92.3	92.9	94.0	94.4	94.8	95.1	95.2	95.2	95.2	95.2	95.2
≥ 500	85.8	91.9	92.8	93.7	95.2	95.6	96.1	96.5	96.5	96.6	96.7	96.7	96.7
≥ 400	86.0	92.2	93.3	94.2	95.8	96.3	97.1	97.8	97.9	98.2	98.2	98.3	98.3
≥ 300	86.0	92.3	93.6	94.5	96.2	96.8	97.7	98.6	98.7	99.1	99.2	99.3	99.3
≥ 200	86.0	92.3	93.6	94.5	96.3	96.9	97.9	98.8	98.9	99.3	99.4	99.6	99.6
≥ 100	86.0	92.3	93.6	94.5	96.3	96.9	97.9	98.8	98.9	99.3	99.4	99.6	99.7
≥ 0	86.0	92.3	93.6	94.5	96.3	96.9	97.9	98.8	98.9	99.3	99.4	99.6	99.8

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

SKY COVER

93901

DALLAS, TEXAS

72-77

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00	43.2	2.6	3.9	1.9	3.2	1.9	1.9	3.2	.6	.6	36.8	4.5	155
	03	43.2	.6	1.3	1.9	1.3	1.3	.6	3.2	1.3	3.2	41.9	5.1	155
	06	35.5	3.2	5.8	1.9	5.2	1.3	.6	1.9	3.2	1.9	39.4	5.0	155
	09	21.3	5.8	4.5	3.9	3.9	1.9	3.2	2.6	3.2	5.8	43.9	6.1	155
	12	27.1	3.2	6.5	1.3	3.9	3.2	3.2	3.2	2.6	3.2	42.6	5.7	155
	15	29.7	5.2	3.2	2.6	4.5		1.9	5.8	4.5	1.9	40.6	5.5	155
	18	27.7	6.5	5.2	5.8	2.6	2.6	3.2	3.2	1.9	2.6	38.7	5.3	155
	21	43.9	1.9	3.9	1.3	1.3	2.6		2.6	4.5	.6	37.4	4.7	155
TOTALS		34.0	3.6	4.3	2.6	3.2	1.9	1.8	3.2	2.7	2.5	40.2	5.2	1240

SKY COVER

5704 SKY COVER JAN 68

STATION 93901 DALLAS, TEXAS PERIOD 73-77 MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
APR	00	32.0	2.7	4.0	2.0	6.0	2.7	5.3	3.3	2.7	2.0	37.3	150
	03	33.3	2.7	3.3	1.3	.7	3.3	.7	2.0	4.0	5.3	43.3	150
	06	19.3	3.3	1.3	2.7	2.7	4.7	2.7	4.7	6.0	4.0	46.7	150
	09	18.0	.7	4.0	4.0	4.7	4.0	4.0	5.3	5.3	7.3	42.7	150
	12	21.3	3.3	1.3	2.7	1.3	4.0	6.7	6.7	10.0	6.0	34.7	150
	15	24.7	2.0	1.3	3.3	2.7	4.7	4.0	6.7	6.7	6.0	36.0	150
	18	28.7	3.3	2.7	3.3	4.0	4.7	2.0	4.0	4.7	8.7	34.0	150
	21	36.7	3.3	4.0	4.7	2.0	4.7	2.7	4.0	2.0	2.7	33.3	150
TOTALS		26.8	2.7	2.7	3.0	3.0	4.1	3.5	4.6	5.2	5.5	39.0	1200

MAY

23-77

DALLAS, TEXAS

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00	36.8	1.3	4.5	3.2	3.2	4.5	3.9	5.2	7.7	4.5	25.2	4.7	155
	03	38.7	2.6	4.5	6.5	3.9	4.5	1.3	3.2	4.5	.6	29.7	4.4	155
	06	16.8	5.2	4.5	7.1	3.2	3.2	4.5	3.9	9.0	5.2	37.4	6.1	155
	09	20.0	4.5	3.2	9.0	3.2	1.9	2.6	4.5	7.1	7.1	36.8	6.0	155
	12	14.8	2.6	6.5	1.9	7.1	4.5	3.9	9.0	14.8	5.2	29.7	6.2	155
	15	16.1	2.6	3.2	7.1	9.7	6.5	7.1	6.5	9.0	9.0	23.2	5.7	155
	18	21.3	5.2	5.8	9.0	7.1	5.2	3.9	5.2	9.0	3.9	24.5	5.1	155
	21	38.7	3.2	6.5	5.8	2.6	2.6	3.9	3.2	5.8	2.6	25.2	4.2	155
TOTALS		25.4	3.4	4.8	6.2	5.0	4.1	3.9	5.1	8.4	4.8	29.0	5.3	1240

AD-A060 610

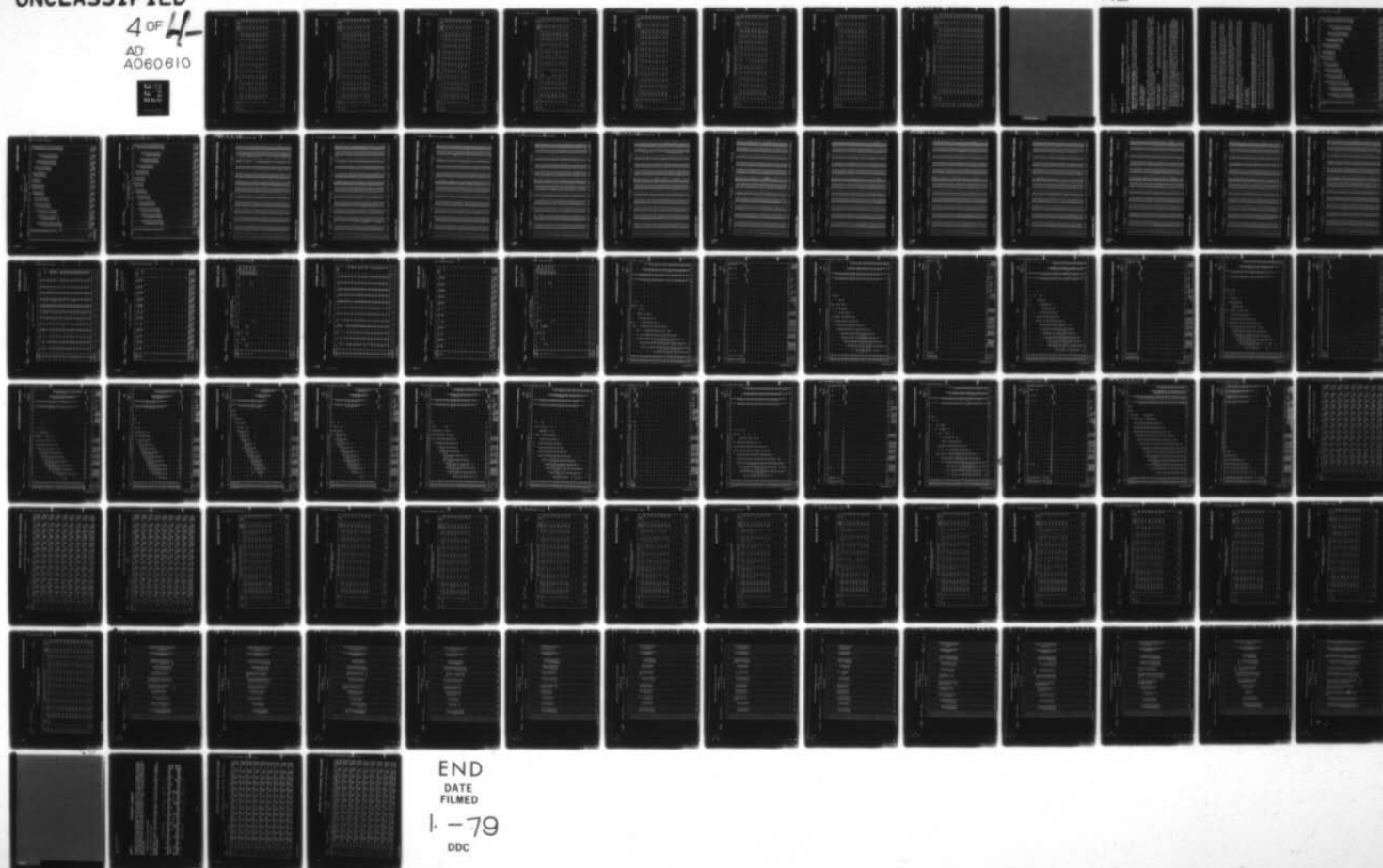
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), DALLAS,--ETC(U)
JUL 78

F/G 4/2

UNCLASSIFIED

NL

4 OF 4
AD
A060610



END
DATE
FILMED
1-79
DDC

IFIED

4 OF 4

AD
A060610



SKY COVER

93901

DALLAS, TEXAS

STATION NAME

73-77

PERIOD

20

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00	54.0	1.3	4.7	4.7	2.0	1.3	3.3	5.3	4.7	.7	18.0	3.2	150
	03	36.0	6.7	3.3	5.3	6.7	2.0	4.7	6.7	5.3	.7	22.7	4.2	150
	06	16.0	4.0	6.0	3.3	8.0	7.3	2.7	6.7	10.0	8.0	28.0	5.9	150
	09	18.7	2.7	7.3	2.7	8.0	3.3	7.3	7.3	12.0	8.7	22.0	5.6	150
	12	14.0	6.0	5.3	4.7	5.3	13.3	8.7	8.0	13.3	10.0	11.3	5.4	150
	15	13.3	6.0	5.3	6.0	6.0	17.3	8.0	6.0	10.0	6.7	15.3	5.3	150
	18	14.0	9.3	18.0	12.0	6.7	6.0	3.3	6.0	9.3	4.0	11.3	4.2	150
	21	40.7	6.7	6.0	7.3	8.0	3.3	2.7	1.3	4.0	.7	19.3	3.5	150
TOTALS		25.8	5.3	7.0	5.8	6.3	6.7	5.1	5.9	8.6	4.9	18.5	4.7	1200

SKY COVER

93901

DALLAS, TEXAS

73-77

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JUL	00	46.8	5.8	3.9	4.5	3.9	3.9	5.2	5.2	5.8	.6	14.3	154
	03	47.7	4.5	5.8	5.8	2.6	5.2	3.2	4.5	5.2	1.9	13.5	155
	06	18.1	6.5	8.4	9.7	7.1	8.4	2.6	5.8	11.6	3.9	18.1	155
	09	30.3	8.4	7.1	8.4	2.6	5.8	5.2	4.5	9.0	5.8	12.9	155
	12	7.7	5.8	11.0	11.6	12.9	9.7	7.7	7.7	5.8	5.8	14.2	155
	15	2.6	3.9	7.7	9.7	9.7	17.4	7.7	9.7	7.1	5.8	18.7	155
	18	11.6	12.9	12.3	12.3	6.5	5.8	5.2	5.2	5.2	4.5	18.7	155
	21	34.8	5.8	11.0	8.4	4.5	3.2	4.5	5.8	3.9	2.6	15.5	155
TOTALS		25.0	6.7	8.4	8.8	6.2	7.4	5.2	6.1	6.7	3.9	15.7	1239

AUG

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00	51.0	3.9	5.2	7.1	3.2	3.2	1.3	4.5	5.8	1.3	13.5	3.0	155
	03	47.7	3.9	3.9	6.5	3.9	1.3	5.8	3.9	7.7	1.9	13.5	3.3	155
	06	21.9	6.5	9.7	7.1	6.5	5.2	4.5	7.1	7.1	7.1	17.4	4.7	155
	09	35.5	6.5	5.2	3.9	7.7	6.5	3.2	3.2	3.9	9.7	14.8	4.0	155
	12	12.9	8.4	11.0	9.7	9.7	10.3	9.0	5.8	6.5	4.5	12.3	4.6	155
	15	9.0	4.5	5.8	8.4	14.8	15.5	6.5	7.7	9.0	8.4	10.3	5.2	155
	18	23.2	6.5	10.3	9.0	7.7	4.5	5.8	5.8	6.5	4.5	16.1	4.4	155
	21	39.4	5.8	6.5	4.5	3.9	7.1	6.5	4.5	8.4	2.6	11.0	3.5	155
TOTALS		30.1	5.8	7.2	7.0	7.2	6.7	5.3	5.3	6.9	5.0	13.6	4.1	1240

SKY COVER

5704 SKY COVER JAN 68

SEP

73-77

DALLAS, TEXAS

93901

MONTH

PERIOD

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00	44.0	2.7	3.3	3.3	2.7	2.7	4.7	4.7	5.3	3.3	23.3	4.1	150
	03	47.3	3.3	2.7	6.0	6.0	3.3	2.0	3.3	.7	2.0	25.3	3.7	150
	06	22.7	6.0	6.0	10.	2.7	4.0	5.3	6.7	2.0	2.7	34.0	5.3	150
	09	24.0	4.0	7.3	1.3	3.3	4.7	2.0	4.7	9.3	8.0	31.3	5.6	150
	12	12.7	6.0	6.0	6.7	5.3	6.0	6.7	12.0	6.7	6.0	26.0	5.8	150
	15	11.3	6.7	2.7	11.3	8.0	7.3	7.3	6.0	8.0	8.7	22.7	5.7	150
	18	20.7	9.3	12.0	6.7	1.3	3.3	4.0	6.0	8.0	4.7	24.0	4.9	150
	21	42.7	4.0	3.3	3.3	2.0	6.7	4.7	4.7	4.0	2.0	22.7	4.0	150
TOTALS		28.2	5.3	5.4	6.1	3.7	4.8	4.3	6.0	5.5	4.7	26.2	4.9	1200

SKY COVER

5704 SKY COVER JAN 68

93901 DALLAS, TEXAS 73-77 OCT MONTH

STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
OCT	00	51.6	5.2	3.2	1.3	1.9	1.3	3.9	3.2	2.6	3.2	22.6	155
	03	48.4	1.9	2.6	2.6	5.2	1.3	1.3	1.9	1.9	4.5	28.4	155
	06	34.2	4.5	5.2	3.2	1.3	1.9	2.6	3.2	3.9	2.6	37.4	155
	09	29.7	3.9	4.5	4.5	2.6	3.2	.6	5.2	4.5	3.9	37.4	155
	12	32.9	1.9	3.9	4.5	4.5	4.5	3.2	2.6	9.7	4.5	27.7	155
	15	29.0	4.5	5.8	7.7	1.9	6.5	3.9	5.2	4.5	4.5	26.5	155
	18	39.4	6.5	4.5	4.5	1.9	2.6	3.2	2.6	7.1	5.2	22.6	155
	21	54.8	3.9	2.6	3.9	3.2	.6	.6	2.6	5.8	1.3	20.6	155
TOTALS		40.0	4.0	4.0	4.0	2.6	2.7	2.4	3.3	5.0	3.7	27.9	1240

ACIN

MONTH

NAVWEASERVCOM

SKY COVER

10666

DALLAS, TEXAS

73-77

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00	46.5	4.5	3.9	3.9	2.6	1.3	1.9	2.6	2.6	2.6	27.7	3.9	155
	03	49.7	3.2	3.9	1.9	2.6	1.3	2.6	.6	5.8		28.4	3.8	155
	06	46.5	3.2	2.6	2.6	2.6	.6	1.3	2.6	1.9	1.3	34.8	4.3	155
	09	31.0	5.2	3.9	1.9	1.3	1.9	5.8	3.2	3.2	7.1	35.5	5.4	155
	12	31.0	5.2	1.9	5.2	3.9	1.9	2.6	3.9	6.5	3.2	34.8	5.2	155
	15	31.6	5.2	5.2	3.9	1.3	2.6	5.8	5.8	5.2	5.2	28.4	4.9	155
	18	31.0	6.5	5.8	3.9	3.9	5.8	4.5	4.5	4.5	5.2	24.5	4.6	155
	21	43.2	3.9	3.2	2.6	4.5	1.9	4.5	6.5	3.9	.6	25.2	4.1	155
TOTALS		38.8	4.6	3.8	3.2	2.8	2.2	3.6	3.7	4.2	3.2	29.9	4.5	1240

SKY COVER

5704 SKY COVER JAN 68

93901 DALLAS, TEXAS

73-77

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	34.0	3.6	4.3	2.6	3.2	1.9	1.8	3.2	2.7	2.5	40.2	5.2	1240
FEB		35.2	4.4	3.7	4.3	2.8	1.9	3.2	3.8	5.8	3.6	31.3	4.8	1128
MAR		25.6	3.3	2.2	4.0	3.4	2.1	4.3	4.4	6.6	5.5	38.7	5.9	1240
APR		26.8	2.7	2.7	3.0	3.0	4.1	3.5	4.6	5.2	5.5	39.0	5.8	1200
MAY		25.4	3.4	4.8	6.2	5.0	4.1	3.9	5.1	8.4	4.8	29.0	5.3	1240
JUN		25.8	5.3	7.0	5.8	6.3	6.7	5.1	5.9	8.6	4.9	18.5	4.7	1200
JUL		25.0	6.7	8.4	8.8	6.2	7.4	5.2	6.1	6.7	3.9	15.7	4.3	1239
AUG		30.1	5.8	7.2	7.0	7.2	6.7	5.3	5.3	6.9	5.0	13.6	4.1	1240
SEP		28.2	5.3	5.4	6.1	3.7	4.8	4.3	6.0	5.5	4.7	26.2	4.9	1200
OCT		40.0	4.0	4.0	4.0	2.8	2.7	2.4	3.3	5.0	3.7	27.9	4.4	1240
NOV		35.3	3.3	4.3	3.6	2.3	1.5	3.5	3.2	4.8	2.3	36.0	5.0	1200
DEC		38.8	4.6	3.8	3.2	2.8	2.2	3.6	3.7	4.2	3.2	29.9	4.5	1240
TOTALS		30.9	4.4	4.8	4.9	4.1	3.8	3.8	4.6	5.9	4.1	28.8	4.9	14607

PSYCHROMETRIC

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

93901
STATION

DALLAS, TEXAS

45-77

YEARS

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
110							.1						.0
105						.2	3.2	4.8	.1				.7
100			.1	.1	.2	5.2	26.5	27.8	3.9				5.4
95			.3	.5	2.8	33.5	66.5	62.8	23.8	1.6			16.1
90			1.8	2.7	20.4	70.9	88.2	88.1	50.3	9.6			27.9
85			5.9	15.9	52.4	89.2	96.3	96.8	71.6	30.2	.1		38.9
80	.2	1.2	19.8	40.1	76.8	96.4	99.1	99.0	87.0	53.4	2.8	.3	49.3
75	6.4	12.3	29.7	63.8	89.9	99.1	99.9	99.8	95.3	72.3	10.9	1.7	58.9
70	16.0	25.4	46.9	80.1	96.1	99.6	100.0	100.0	98.4	85.4	26.0	7.0	68.0
65	26.5	39.2	64.7	91.2	98.6	99.9			99.5	92.6	44.1	18.9	76.0
60	40.8	55.1	76.3	97.2	99.7	100.0			99.7	97.1	61.9	33.4	82.9
55	54.3	67.9	86.9	99.3	99.9				100.0	98.9	85.8	65.9	88.5
50	67.6	79.1	92.1	99.9	100.0					99.8	92.3	78.2	92.6
45	76.6	90.1	95.9							100.0	96.9	88.0	95.7
40	85.3	95.3	98.6	100.0							99.2	94.8	97.8
35	92.0	98.4	99.8								99.9	98.2	99.0
30	97.2	99.6	100.0								100.0	99.5	99.7
25	98.8	99.9										99.9	99.9
20	99.6	100.0										100.0	100.0
15	100.0												100.0
10													
5													
0													
MEAN	55.1	60.3	67.6	76.5	83.8	91.6	95.9	95.9	88.4	79.0	66.7	58.8	76.6
S. D.	13.503	11.951	11.762	8.160	7.002	5.759	5.464	5.708	7.684	8.953	10.829	11.262	16.905
TOTAL OBS.	990	903	1021	989	1022	990	992	1023	990	1023	989	992	11924

4721 Daily Temperature Jan 1969

2

111283

DAILY TEMPERATURES

92901
STATION

DALLAS, TEXAS

STATION NAME

45-77

YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85						4.2	16.0	17.6	1.5				.1
80						37.9	68.3	56.2	17.9				3.3
75						71.1	94.5	89.1	47.4	1.6			15.6
70						90.3	99.0	98.1	70.0	8.1	.4		28.5
65	.1	.1	.1	.3	3.6	24.1	51.1	90.3	99.0	21.7	3.7	.7	38.3
60	1.6	2.1	3.2	17.1	39.7	76.4	97.2	99.8	85.8	42.7	9.9	2.7	47.8
55	5.2	7.4	21.6	59.2	89.5	99.4	99.9	100.0	95.5	61.0	19.3	6.2	55.8
50	11.3	15.3	38.5	76.0	97.0	100.0	100.0		99.0	77.3	31.9	11.5	63.6
45	18.3	27.3	55.2	88.7	99.5				100.0	91.4	49.7	22.1	71.5
40	31.4	45.4	73.2	93.9	99.9					97.8	69.0	39.6	79.7
35	49.9	67.1	86.9	99.2	100.0					99.7	85.7	63.5	87.9
30	69.5	83.1	95.3	100.0						100.0	95.1	82.2	93.9
25	82.3	94.5	98.6								98.9	92.9	97.4
20	92.4	98.9	99.6								99.6	97.5	99.0
15	96.7	99.6	99.8								100.0	99.6	99.6
10	99.1		100.0									100.0	99.9
5	99.7	100.0											100.0
0	99.9												100.0
3-	100.0												100.0
MEAN	34.8	39.0	46.1	56.0	64.0	71.9	75.8	75.0	67.9	57.1	45.2	37.9	55.9
S. D.	11.040	9.714	10.143	8.828	6.912	5.363	3.848	4.393	7.109	8.980	10.127	9.611	16.605
TOTAL OBS.	990	903	1021	988	1021	990	988	1023	990	1023	989	992	11918

NAVWEASERVCOM

5721 Dcty Temperatures Jan 1968

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION

93901 DALLAS, TEXAS

1946-1977

JANUARY

STATION NAME

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	45.9	7.7	55.6	13.1	72	22.2	1976		36.2	2.3	16	-8.9	1974	
2	46.6	8.1	55.7	13.2	71	21.7	1964*		37.4	3.0	27	-2.8	1947	
3	43.4	6.3	54.0	12.2	73	22.8	1971*		32.8	0.4	13	-10.6	1959	
4	42.7	5.9	51.8	11.0	73	22.8	1955		33.6	0.9	7	-13.9	1947	
5	42.9	6.1	53.4	11.9	79	26.1	1956		32.4	0.2	9	-12.8	1947	
6	44.1	6.7	54.2	12.3	77	25.0	1956		34.0	1.1	19	-7.2	1968	
7	43.6	6.4	54.6	12.6	79	26.1	1975		32.6	0.3	12	-11.1	1968	
8	46.0	7.8	56.8	13.8	83	28.3	1969		35.2	1.8	12	-11.1	1976	
9	43.3	6.3	53.7	12.1	85	29.4	1957		32.9	0.5	13	-10.6	1977*	
10	42.2	5.7	51.3	10.7	77	25.0	1963		33.1	0.6	7	-13.9	1962	
11	42.3	5.7	51.9	11.1	80	26.7	1971		32.7	0.4	8	-13.3	1962	
12	43.9	6.6	53.2	11.8	76	24.4	1972*		34.6	1.4	3	-16.1	1973	
13	45.5	7.5	54.2	12.3	72	22.2	1952		36.7	2.6	13	-10.6	1964*	
14	46.7	8.2	57.2	14.0	76	24.4	1971		36.2	2.3	10	-12.2	1964	
15	45.2	7.3	56.2	13.4	75	23.9	1952		34.1	1.2	14	-10.0	1972	
16	42.5	5.8	52.6	11.4	76	24.4	1952		32.3	0.2	20	-6.7	1977*	
17	45.2	7.3	55.4	13.0	79	26.1	1974*		35.0	1.7	16	-8.9	1977	
18	45.5	7.5	55.5	13.1	82	27.8	1974		35.4	1.9	17	-8.3	1977	
19	44.0	6.7	52.7	11.5	84	28.9	1952		35.3	1.8	13	-10.6	1963	
20	44.4	6.9	55.3	12.9	80	26.7	1972		33.5	0.8	13	-10.6	1963	
21	45.6	7.6	55.7	13.2	80	26.7	1952		35.5	1.9	17	-8.3	1954	
22	46.3	7.9	57.4	14.1	82	27.8	1969		35.2	1.8	15	-9.4	1954	
23	44.7	7.1	53.8	12.1	80	26.7	1976		35.6	2.0	11	-11.7	1966	
24	46.7	8.2	58.2	14.6	84	28.9	1967		35.2	1.8	8	-13.3	1963	
25	48.6	9.2	59.8	15.4	81	27.2	1952		37.5	3.1	22	-5.6	1963*	
26	48.3	9.1	58.9	14.9	79	26.1	1953		37.7	3.2	23	-5.0	1963*	
27	45.7	7.6	55.9	13.3	81	27.2	1975		35.6	2.0	13	-10.6	1963	
28	45.2	7.3	56.1	13.4	85	29.4	1970		34.2	1.2	14	-10.0	1948	
29	46.5	8.1	57.3	14.1	77	25.0	1971		35.7	2.1	10	-12.2	1966	
30	44.7	7.1	55.0	12.8	79	26.1	1967		34.3	1.3	0	-17.8	1949	
31	45.7	7.6	55.4	13.0	82	27.8	1974		36.0	2.2	-2	-18.9	1949	
Monthly	45.0	7.2	55.1	12.8	85	29.4	1970*		34.6	1.6	-2	-18.9	1949	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1971

STATION
93901

DALLAS, TEXAS

STATION NAME

YEARS

1946-1977

FEBRUARY

MONTH

DAY	MEAN TEMP			MAXIMUM TEMP				MINIMUM TEMP				
	AVERAGE		°C	AVERAGE		EXTREME		AVERAGE		EXTREME		
	°F	°C		°F	°C	°F	°C	°F	°C			
1	47.3	8.5	57.9	14.4	88	31.1	1963	36.7	2.6	9	-12.8	1951*
2	44.7	7.1	54.6	12.6	76	24.4	1962	34.7	1.5	9	-12.8	1951
3	45.8	7.7	55.6	13.1	80	26.7	1976*	36.0	2.2	20	-6.7	1972
4	49.1	9.5	60.1	15.6	79	26.1	1973	38.1	3.4	20	-6.7	1972
5	49.1	9.5	59.2	15.1	80	26.7	1967	39.1	3.9	25	-3.9	1971
6	47.4	8.6	57.3	14.1	78	25.6	1963	37.4	3.0	23	-5.0	1975
7	46.4	8.0	56.2	13.4	83	28.3	1969	36.7	2.6	18	-7.8	1975
8	48.9	9.4	61.7	16.5	86	30.0	1962	36.2	2.3	9	-12.8	1971
9	48.7	9.3	60.3	15.7	87	30.6	1957	37.1	2.8	16	-8.9	1971
10	49.6	9.8	62.6	17.0	86	30.0	1954	36.6	2.6	20	-6.7	1973
11	49.1	9.5	59.2	15.1	77	25.0	1962	38.9	3.8	18	-7.8	1955
12	49.6	9.8	59.8	15.4	83	28.3	1974	39.5	4.2	21	-6.1	1963
13	50.9	10.5	63.6	17.6	81	27.2	1974	38.1	3.4	18	-7.8	1958
14	50.6	10.3	60.1	15.6	81	27.2	1956	41.2	5.1	22	-5.6	1951
15	49.4	9.7	58.8	14.9	79	26.1	1957	40.1	4.5	24	-4.4	1951
16	49.4	9.7	60.2	15.7	84	28.9	1976	38.7	3.7	22	-5.6	1958
17	51.0	10.6	62.6	17.0	87	30.6	1959	39.4	4.1	24	-4.4	1966
18	52.0	11.1	61.9	16.6	80	26.7	1974	42.0	5.6	26	-3.3	1969
19	50.1	10.1	60.2	15.7	85	29.4	1948	40.0	4.4	27	-2.8	1975
20	50.1	10.1	60.3	15.7	79	26.1	1974	39.8	4.3	29	-1.7	1955
21	48.2	9.0	58.3	14.6	76	24.4	1954	38.1	3.4	26	-3.3	1971*
22	48.3	9.1	57.7	14.3	81	27.2	1954	38.8	3.8	21	-6.1	1963
23	49.7	9.8	59.7	15.4	79	26.1	1961	39.8	4.3	22	-5.6	1965
24	48.9	9.4	59.7	15.4	85	29.4	1972	38.2	3.4	17	-8.3	1965
25	53.3	11.8	65.2	18.4	85	29.4	1972	41.5	5.3	17	-8.3	1960
26	53.1	11.7	63.9	17.7	87	30.6	1954	42.3	5.7	22	-5.6	1960
27	53.7	12.1	65.2	18.4	82	27.8	1953	42.3	5.7	28	-2.2	1962
28	54.0	12.2	65.4	18.6	84	28.9	1972	42.7	5.9	20	-6.7	1962
29	52.2	11.2	62.1	16.7	80	26.7	1976	42.3	5.7	26	-3.3	1968*
30												
31												
Monthly	49.6	9.8	60.3	15.7	88	31.1	1963	39.0	3.9	9	-12.8	1971*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93901

DALLAS, TEXAS

STATION

STATION NAME

1945-1977

YEARS

MARCH

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C
1	53.9	12.2	65.2	18.4	85	29.4	42.6	5.9	19	-7.2	1962	
2	54.4	12.4	64.1	17.8	85	29.4	44.7	7.1	22	-5.6	1947	
3	54.1	12.3	64.0	17.8	86	30.0	44.1	6.7	19	-7.2	1971	
4	53.6	12.0	63.2	17.3	86	30.0	44.1	6.7	23	-5.0	1965	
5	52.7	11.5	63.2	17.3	85	29.4	42.2	5.7	26	-3.3	1960	
6	53.1	11.7	63.1	17.3	86	30.0	43.0	6.1	24	-4.4	1954	
7	54.6	12.6	65.9	18.8	91	32.8	43.3	6.3	30	-1.1	1967	
8	53.4	11.9	64.3	17.9	84	28.9	42.6	5.9	24	-4.4	1967	
9	54.8	12.7	65.7	18.7	81	27.2	44.0	6.7	22	-5.6	1969	
10	57.7	14.3	68.4	20.2	94	34.4	47.0	8.3	26	-3.3	1969	
11	57.8	14.3	68.7	20.4	95	35.0	46.8	8.2	12	-11.1	1948	
12	55.2	12.9	65.2	18.4	93	33.9	45.2	7.3	13	-10.6	1948	
13	53.7	12.1	63.5	17.5	91	32.8	43.8	6.6	23	-5.0	1948	
14	56.1	13.4	67.8	19.9	90	32.2	44.3	6.8	26	-3.3	1975	
15	55.7	13.2	67.0	19.4	82	27.8	44.3	6.8	27	-2.8	1954	
16	56.2	13.4	67.7	19.8	81	27.2	44.7	7.1	28	-2.2	1947	
17	58.1	14.5	69.3	20.7	87	30.6	46.8	8.2	32	0.0	1960	
18	56.2	14.6	68.1	20.1	88	31.1	48.4	9.1	30	-1.1	1965	
19	56.8	13.8	67.7	19.8	88	31.1	46.0	7.8	25	-3.9	1965	
20	57.1	13.9	68.1	20.1	85	29.4	46.2	7.9	22	-5.6	1965	
21	56.2	13.4	67.8	19.9	85	29.4	44.6	7.0	30	-1.1	1970	
22	58.0	14.4	70.0	21.1	85	29.4	46.1	7.8	26	-3.3	1955	
23	59.9	15.5	72.0	22.2	89	31.7	47.8	8.8	25	-3.9	1968	
24	59.3	15.2	69.1	20.6	88	31.1	49.5	9.7	30	-1.1	1974	
25	58.1	14.5	67.9	19.9	85	29.4	48.4	9.1	25	-3.9	1955	
26	58.6	14.8	69.2	20.7	86	30.0	48.1	8.9	23	-5.0	1955	
27	60.2	15.7	71.5	21.9	96	35.6	49.0	9.4	22	-5.6	1955	
28	61.3	16.3	72.8	22.7	90	32.2	49.8	9.9	30	-1.1	1955	
29	60.5	15.8	71.4	21.9	90	32.2	49.9	9.9	30	-1.1	1975	
30	59.9	15.5	70.1	21.2	93	33.9	49.7	9.8	28	-2.2	1975	
31	63.4	17.4	74.2	23.4	100	37.8	53.0	11.7	37	2.8	1954	
Monthly	56.9	13.8	67.6	19.8	100	37.8	46.1	7.8	12	-11.1	1948	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION

93901 DALLAS, TEXAS

STATION NAME

1945-1977

YEARS

APRIL

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		MINIMUM TEMP		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	62.7	17.1	73.4	23.0	87	30.6	52.1	11.2	36	2.2	52.1	11.2	36	2.2	1954
2	64.2	17.9	76.3	24.6	87	30.6	52.0	11.1	34	1.1	52.0	11.1	34	1.1	1962
3	64.5	18.1	75.6	24.2	90	32.2	53.4	11.9	32	0.0	53.4	11.9	32	0.0	1975
4	61.6	16.4	72.2	22.3	88	31.1	51.0	10.6	38	3.3	51.0	10.6	38	3.3	1945
5	61.4	16.3	72.1	22.3	90	32.2	50.8	10.4	35	1.7	50.8	10.4	35	1.7	1950
6	64.2	17.9	76.5	24.7	95	35.0	51.6	11.0	37	2.8	51.6	11.0	37	2.8	1950
7	65.7	18.7	77.4	25.2	90	32.2	54.0	12.2	30	-1.1	54.0	12.2	30	-1.1	1971
8	64.6	18.1	74.6	23.7	87	30.6	54.5	12.5	37	2.8	54.5	12.5	37	2.8	1973
9	64.3	17.9	74.9	23.8	99	37.2	53.7	12.1	33	0.6	53.7	12.1	33	0.6	1973
10	65.0	18.3	75.3	24.1	100	37.8	54.7	12.6	30	-1.1	54.7	12.6	30	-1.1	1973
11	64.7	18.2	75.3	24.1	98	36.7	54.1	12.3	39	3.9	54.1	12.3	39	3.9	1956
12	64.2	17.9	75.3	24.1	93	33.9	53.2	11.8	33	0.6	53.2	11.8	33	0.6	1957
13	63.0	17.2	73.3	22.9	91	32.8	52.7	11.5	32	0.0	52.7	11.5	32	0.0	1957
14	65.3	18.5	75.8	24.3	89	31.7	54.8	12.7	37	2.8	54.8	12.7	37	2.8	1959
15	64.2	17.9	75.1	23.9	89	31.7	53.3	11.8	41	5.0	53.3	11.8	41	5.0	1949
16	64.0	17.8	74.1	23.4	90	32.2	54.0	12.2	39	3.9	54.0	12.2	39	3.9	1953
17	66.3	19.1	76.4	24.7	86	30.0	56.2	13.4	37	2.8	56.2	13.4	37	2.8	1947
18	67.9	19.9	78.2	25.7	88	31.1	57.0	14.2	39	3.9	57.0	14.2	39	3.9	1953
19	68.9	20.5	79.2	26.2	91	32.8	58.7	14.8	34	1.1	58.7	14.8	34	1.1	1953
20	67.8	19.9	77.6	25.3	90	32.2	58.0	14.4	37	2.8	58.0	14.4	37	2.8	1953
21	68.3	20.2	77.9	25.5	97	36.1	58.6	14.8	42	5.6	58.6	14.8	42	5.6	1966
22	70.1	21.2	79.3	26.3	93	33.9	60.8	16.0	42	5.6	60.8	16.0	42	5.6	1959
23	70.2	21.2	79.4	26.3	90	32.2	61.0	16.1	44	6.7	61.0	16.1	44	6.7	1951
24	69.1	20.6	78.9	26.1	88	31.1	59.3	15.2	38	3.3	59.3	15.2	38	3.3	1968
25	68.3	20.2	77.9	25.5	88	31.1	58.8	14.9	45	7.2	58.8	14.9	45	7.2	1968
26	68.4	20.2	77.6	25.4	88	31.1	58.9	14.9	46	7.8	58.9	14.9	46	7.8	1945
27	69.6	20.9	78.6	25.9	88	31.1	60.6	15.9	47	8.3	60.6	15.9	47	8.3	1973*
28	69.3	20.7	78.2	25.7	92	33.3	60.8	16.0	46	7.8	60.8	16.0	46	7.8	1973
29	69.5	20.8	78.6	25.9	90	32.2	60.5	15.8	41	5.0	60.5	15.8	41	5.0	1965
30	69.0	20.6	78.5	25.8	93	33.9	59.5	15.3	46	7.8	59.5	15.3	46	7.8	1965
31															
Monthly	66.2	19.0	76.5	24.7	100	37.8	56.0	13.3	30	-1.1	56.0	13.3	30	-1.1	1973*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 93901 DALLAS, TEXAS 1945-1977 MAY MONTH YEARS

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	68.6	20.3	78.5	25.8	90	32.2	1955*	14.8	58.7	14.8	44	6.7	1960
2	69.3	20.7	79.8	26.6	90	32.2	1974	14.8	58.7	14.8	43	7.2	1967
3	69.8	21.0	79.9	26.6	90	32.2	1952*	15.4	59.7	15.4	41	5.0	1954
4	70.8	21.6	80.9	27.2	98	36.7	1947	15.9	60.6	15.9	39	3.9	1954
5	70.9	21.6	80.4	26.9	93	33.9	1947	16.3	61.4	16.3	46	7.8	1957
6	72.0	22.2	81.6	27.6	94	34.4	1967*	16.9	62.5	16.9	50	10.0	1957*
7	71.4	21.9	80.9	27.2	93	33.9	1955	16.6	61.8	16.6	47	8.3	1948
8	72.4	22.4	82.5	28.1	92	33.3	1952	16.8	62.3	16.8	52	11.1	1976*
9	73.9	23.3	83.5	28.6	98	36.7	1952	18.0	64.4	18.0	45	7.2	1969
10	72.5	22.5	81.4	27.4	96	35.6	1967	17.6	63.7	17.6	53	11.7	1969
11	71.6	22.0	80.8	27.1	100	37.8	1967	16.9	62.5	16.9	46	7.8	1952
12	71.3	21.6	81.2	27.3	94	34.4	1967	16.3	61.3	16.3	45	7.2	1960
13	72.4	22.4	82.8	28.2	94	34.4	1956*	16.6	61.9	16.6	45	7.2	1971
14	73.0	22.8	82.9	28.3	96	35.6	1955	17.2	63.0	17.2	44	6.7	1971
15	73.1	22.8	82.8	28.2	92	33.3	1974*	17.4	63.4	17.4	48	8.9	1973
16	73.2	22.9	83.0	28.3	93	33.9	1948	17.4	63.3	17.4	48	8.9	1945
17	74.3	23.5	84.7	29.3	94	34.4	1966*	17.7	63.9	17.7	46	7.8	1945
18	75.0	23.9	84.9	29.4	96	35.6	1956	18.4	65.1	18.4	49	9.4	1968
19	75.7	24.3	85.6	29.8	96	35.6	1973*	18.8	65.9	18.8	55	12.8	1971*
20	74.3	23.5	84.0	28.9	94	34.4	1956	19.2	64.7	19.2	55	12.8	1968*
21	75.3	24.1	85.7	29.8	96	35.6	1973	18.2	64.8	18.2	52	11.1	1947
22	76.7	24.8	86.5	30.3	95	35.0	1948	19.4	66.9	19.4	51	10.6	1945
23	75.9	24.4	85.5	29.7	96	35.6	1962	19.1	66.3	19.1	53	11.7	1945
24	76.9	24.9	86.1	30.1	94	34.4	1962*	19.8	67.7	19.8	61	16.1	1967*
25	76.8	24.9	86.9	30.5	93	33.9	1974*	19.2	66.6	19.2	53	11.7	1971*
26	76.7	24.8	86.8	30.4	94	34.4	1958*	19.3	66.7	19.3	55	12.8	1947
27	76.7	24.8	86.9	30.5	100	37.8	1958	19.2	66.6	19.2	51	10.6	1961
28	77.2	25.1	87.0	30.6	96	35.6	1951	19.6	67.3	19.6	57	13.9	1968
29	76.9	24.9	87.5	30.8	97	36.1	1951	19.0	66.2	19.0	49	9.4	1947
30	78.1	25.6	88.5	31.4	96	35.6	1958*	19.8	67.7	19.8	46	7.8	1947
31	78.0	25.6	87.7	30.9	96	35.6	1951	20.2	68.3	20.2	56	13.3	1975
Monthly	73.9	23.3	83.8	28.8	100	37.8	1967*	17.8	64.0	17.8	39	3.9	1954

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93901

DALLAS, TEXAS

1945-1977

JUNE

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		MINIMUM TEMP		AVERAGE		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	77.9	25.5	88.2	31.2	97	36.1	1953*	1953*	67.7	19.8	54	12.2	67.7	19.8	54	12.2	1964
2	77.3	25.2	87.7	30.9	100	37.8	1977	1977	66.8	19.3	56	13.3	66.8	19.3	56	13.3	1969*
3	76.5	24.7	86.2	30.1	100	37.8	1960	1960	66.8	19.3	53	11.7	66.8	19.3	53	11.7	1946
4	78.3	25.7	88.4	31.3	99	37.2	1977*	1977*	68.3	20.2	54	12.2	68.3	20.2	54	12.2	1954
5	78.7	25.9	88.4	31.3	104	40.0	1948	1948	69.1	20.6	54	12.2	69.1	20.6	54	12.2	1970
6	80.5	26.9	91.4	33.0	102	38.9	1948	1948	69.5	20.8	55	12.8	69.5	20.8	55	12.8	1970
7	81.3	27.4	91.1	32.8	98	36.7	1948	1948	71.5	21.9	60	15.6	71.5	21.9	60	15.6	1970
8	82.1	27.8	92.5	33.6	101	38.3	1956	1956	71.7	22.1	64	17.8	71.7	22.1	64	17.8	1977*
9	81.5	27.5	90.8	32.7	99	37.2	1977	1977	72.2	22.3	60	15.6	72.2	22.3	60	15.6	1955
10	82.1	27.8	92.1	33.4	98	36.7	1963*	1963*	72.1	22.3	58	14.4	72.1	22.3	58	14.4	1955
11	81.7	27.6	91.0	32.8	101	38.3	1953	1953	72.3	22.4	56	13.3	72.3	22.4	56	13.3	1955
12	81.3	27.4	91.3	32.9	102	38.9	1953	1953	71.3	21.8	59	15.0	71.3	21.8	59	15.0	1975*
13	82.2	27.9	92.0	33.3	101	38.3	1953	1953	72.5	22.5	64	17.8	72.5	22.5	64	17.8	1974
14	82.7	28.2	92.8	33.8	105	40.6	1953	1953	72.6	22.6	54	12.2	72.6	22.6	54	12.2	1947
15	82.4	28.0	92.4	33.6	102	38.9	1960	1960	72.4	22.4	57	13.9	72.4	22.4	57	13.9	1947
16	81.7	27.6	91.8	33.2	99	37.2	1948	1948	71.7	22.1	61	16.1	71.7	22.1	61	16.1	1961
17	81.9	27.7	91.5	33.1	100	37.8	1952	1952	72.4	22.4	60	15.6	72.4	22.4	60	15.6	1961
18	82.3	27.9	91.9	33.3	101	38.3	1953*	1953*	72.6	22.6	60	15.6	72.6	22.6	60	15.6	1945
19	83.0	28.3	93.4	34.1	101	38.3	1959*	1959*	72.7	22.6	62	16.7	72.7	22.6	62	16.7	1973
20	83.0	28.3	93.1	33.9	103	39.4	1972*	1972*	72.9	22.7	61	16.1	72.9	22.7	61	16.1	1976*
21	82.6	28.1	92.7	33.7	104	40.0	1953	1953	72.5	22.5	63	17.2	72.5	22.5	63	17.2	1976*
22	83.3	28.5	93.0	33.9	103	39.4	1953	1953	73.6	23.1	63	17.2	73.6	23.1	63	17.2	1961
23	83.5	28.6	93.1	33.9	102	38.9	1969	1969	73.9	23.3	64	17.8	73.9	23.3	64	17.8	1973
24	82.9	28.3	92.1	33.4	100	37.8	1972*	1972*	73.8	23.2	64	17.8	73.8	23.2	64	17.8	1973
25	83.0	28.3	92.7	33.7	106	41.1	1972	1972	73.3	22.9	60	15.6	73.3	22.9	60	15.6	1974
26	82.9	28.3	92.3	33.5	103	39.4	1972	1972	73.5	23.1	58	14.4	73.5	23.1	58	14.4	1958
27	83.9	28.8	93.6	34.2	102	38.9	1972*	1972*	74.2	23.4	59	15.0	74.2	23.4	59	15.0	1968
28	84.2	29.0	93.9	34.4	101	38.3	1972	1972	74.5	23.6	56	13.3	74.5	23.6	56	13.3	1946
29	84.3	29.1	93.8	34.3	100	37.8	1956	1956	74.8	23.8	64	17.8	74.8	23.8	64	17.8	1948
30	84.7	29.3	94.2	34.6	101	38.3	1956	1956	75.1	23.9	68	20.0	75.1	23.9	68	20.0	1950
31																	
Monthly	81.8	27.7	91.6	33.1	106	41.1	1972	1972	71.9	22.2	53	11.7	71.9	22.2	53	11.7	1946

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DIRNA VOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION

93901 DALLAS, TEXAS

1945-1977

AUGUST

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C		
1	86.0	30.0	96.5	35.8	102	38.9	1970*	75.6	24.2	64	17.8	1971
2	85.4	29.7	95.6	35.3	104	40.0	1970*	75.1	23.9	66	18.9	1973*
3	86.0	30.0	96.8	36.0	103	39.4	1967*	75.2	24.0	64	17.8	1973
4	86.4	30.2	96.9	36.1	105	40.6	1951	76.0	24.4	67	19.4	1974*
5	86.7	30.4	97.2	36.2	108	42.2	1964	76.2	24.6	63	17.2	1948
6	87.2	30.7	97.8	36.6	107	41.7	1956*	76.6	24.8	65	18.3	1975*
7	87.8	31.0	98.6	37.0	108	42.2	1953	77.1	25.1	66	18.9	1957
8	88.1	31.2	98.7	37.1	106	41.1	1970*	77.5	25.3	71	21.7	1975*
9	87.6	30.9	98.6	37.0	107	41.7	1947	76.6	24.8	66	18.9	1953
10	87.0	30.6	97.9	36.6	108	42.2	1947	76.2	24.6	67	19.4	1959
11	86.5	30.3	97.1	36.2	109	42.8	1964	75.9	24.4	67	19.4	1950
12	85.6	29.8	96.1	35.6	105	40.6	1948	75.2	24.0	66	18.9	1972*
13	86.4	30.2	97.2	36.2	107	41.7	1969	75.3	24.2	66	18.9	1967
14	87.2	30.7	97.6	36.4	106	41.1	1956*	76.8	24.9	67	19.4	1955
15	86.2	30.1	96.2	35.7	106	41.1	1951	76.2	24.6	64	17.8	1955
16	86.6	30.3	97.2	36.2	107	41.7	1956*	76.1	24.5	68	20.0	1955
17	86.2	30.1	96.6	35.9	107	41.7	1951	75.8	24.3	68	20.0	1948
18	85.6	29.8	96.0	35.6	106	41.1	1951	75.2	24.0	69	20.6	1960
19	85.3	29.6	96.0	35.6	105	40.6	1949*	74.7	23.7	65	18.3	1950
20	85.2	29.6	95.5	35.3	105	40.6	1948	74.8	23.8	67	19.4	1950
21	84.7	29.3	95.5	35.3	106	41.1	1948	73.9	23.3	63	17.2	1950
22	83.8	28.8	94.8	34.9	104	40.0	1969	72.9	22.7	63	17.2	1956*
23	83.9	28.8	94.6	34.8	105	40.6	1952	73.1	22.8	63	17.2	1949
24	83.4	28.6	93.9	34.4	104	40.0	1952	72.8	22.7	62	16.7	1966*
25	83.5	28.6	93.8	34.3	104	40.0	1952	73.3	22.9	64	17.8	1966*
26	83.5	28.6	93.6	34.2	102	38.9	1963*	73.5	23.1	62	16.7	1966
27	83.9	28.8	94.1	34.5	104	40.0	1963	73.6	23.1	66	18.9	1949
28	84.0	28.9	93.7	34.3	102	38.9	1951	74.2	23.4	67	19.4	1961
29	83.5	28.6	93.1	33.9	105	40.6	1967	73.8	23.2	64	17.8	1968
30	83.3	28.5	93.8	34.3	108	42.2	1967	72.8	22.7	65	18.3	1946
31	83.0	28.3	92.9	33.8	104	40.0	1951	73.0	22.8	63	17.2	1950
Monthly	85.5	29.7	95.9	35.5	109	42.8	1964	75.0	23.9	62	16.7	1966*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 93901 DALLAS, TEXAS 1945-1977 YEARS MONTH SEPTEMBER

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	
1	82.3	27.9	92.5	33.6	104	40.0	72.2	22.3	63	17.2	1955
2	82.4	28.0	92.5	33.6	105	40.6	72.2	22.3	60	15.6	1974
3	82.5	28.1	92.9	33.8	104	40.0	72.1	22.3	57	13.9	1974
4	82.0	27.8	92.4	33.6	101	38.3	71.7	22.1	51	10.6	1974
5	81.1	27.3	91.2	32.9	101	38.3	71.1	21.7	53	11.7	1974
6	81.5	27.5	91.7	33.2	102	38.9	71.2	21.8	51	10.6	1974
7	81.3	27.4	91.4	33.0	103	39.4	71.2	21.8	56	13.3	1974
8	80.9	27.2	91.2	32.9	99	37.2	70.7	21.5	60	15.6	1974*
9	80.2	26.8	90.3	32.4	102	36.9	70.2	21.2	57	13.9	1956
10	79.3	26.3	88.9	31.6	98	36.7	69.6	20.9	57	13.9	1968
11	79.2	26.2	90.0	32.2	100	37.8	68.4	20.2	52	11.1	1968
12	78.5	25.8	88.9	31.6	100	37.8	68.0	20.0	55	12.8	1959
13	77.0	25.0	87.5	30.8	102	38.9	66.5	19.2	57	13.9	1974
14	78.2	25.7	88.3	31.3	103	39.4	68.1	20.1	51	10.6	1945
15	77.7	25.4	87.9	31.1	99	37.2	67.4	19.7	51	10.6	1945
16	78.1	25.6	87.9	31.1	99	37.2	68.3	20.2	58	14.4	1961
17	77.7	25.4	87.5	30.8	97	36.1	67.9	19.9	54	12.2	1951
18	78.3	25.7	88.2	31.2	99	37.2	68.5	20.3	51	10.6	1968
19	79.3	26.3	89.6	32.0	103	39.4	69.1	20.6	51	10.6	1971
20	79.4	26.3	89.4	31.9	102	38.9	69.3	20.7	47	8.3	1971
21	77.7	25.4	87.3	30.7	99	37.2	68.2	20.1	56	13.3	1971
22	75.7	24.3	84.9	29.4	96	35.6	66.5	19.2	51	10.6	1975
23	75.0	23.9	85.3	29.6	97	36.1	64.7	18.2	49	9.4	1975
24	74.8	23.8	84.6	29.2	98	36.7	64.9	18.3	51	10.6	1975*
25	75.0	23.9	84.8	29.3	99	37.2	65.1	18.4	49	9.4	1975
26	75.0	23.9	85.6	29.8	100	37.8	64.3	17.9	51	10.6	1975
27	74.6	23.7	85.6	29.8	104	40.0	63.6	17.6	49	9.4	1948
28	73.4	23.0	84.7	29.3	104	40.0	62.2	16.8	46	7.8	1967
29	73.6	23.1	85.3	29.6	101	38.3	61.9	16.6	45	7.2	1974
30	72.5	22.5	84.5	29.2	98	36.7	60.5	15.8	45	7.2	1972
31											
Monthly	78.1	25.6	88.4	31.3	105	40.6	67.9	19.9	45	7.2	1974*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

STATION

93901 DALLAS, TEXAS

1945-1977

STATION NAME

YEARS

OCTOBER

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP			MINIMUM TEMP			DATE
	° F	° C	AVERAGE ° F	° C	EXTREME ° F	AVERAGE ° F	° C	EXTREME ° F	
1	72.1	22.3	83.8	28.8	99	60.3	15.7	46	7.8 1972
2	73.3	22.9	85.0	29.4	94	61.7	16.5	47	8.3 1975
3	72.8	22.7	83.1	28.4	98	62.6	17.0	47	8.3 1961
4	72.6	22.6	82.1	27.8	96	63.2	17.3	45	7.2 1975
5	71.9	22.2	81.3	27.4	98	62.4	16.9	47	8.3 1975
6	71.5	21.9	82.2	27.9	96	60.8	16.0	47	8.3 1964
7	70.3	21.3	81.2	27.3	96	59.5	15.3	44	6.7 1952
8	69.5	20.8	81.3	27.4	97	57.7	14.3	36	2.2 1952
9	70.1	21.2	82.4	28.0	95	57.8	14.3	41	5.0 1952
10	70.7	21.5	81.7	27.6	94	59.6	15.3	43	6.1 1952
11	71.7	22.1	82.5	28.1	96	60.8	16.0	48	8.9 1952
12	71.3	21.8	82.8	28.2	95	59.9	15.5	38	3.3 1977
13	71.4	21.9	82.7	28.2	95	60.1	15.6	42	5.6 1969
14	69.7	20.9	80.9	27.2	92	58.6	14.8	38	3.3 1969
15	68.4	20.2	78.1	25.6	91	58.6	14.8	46	7.8 1974*
16	66.6	19.2	78.2	25.7	93	53.1	12.8	37	2.8 1952
17	66.8	19.3	78.1	25.6	96	55.5	13.1	40	4.4 1967*
18	66.9	19.4	78.8	26.0	93	55.0	12.8	32	0.0 1948
19	65.7	18.7	77.2	25.1	91	54.1	12.3	41	5.0 1976
20	66.5	19.2	78.6	25.9	92	54.4	12.4	36	2.2 1976*
21	67.0	19.4	78.4	25.8	87	55.6	13.1	41	5.0 1976
22	67.2	19.6	78.1	25.6	87	56.2	13.4	40	4.4 1952
23	66.2	19.0	76.6	24.8	87	55.7	13.2	38	3.3 1952
24	64.2	17.9	74.7	23.7	89	53.6	12.0	40	4.4 1952
25	63.3	17.4	74.5	23.6	90	52.0	11.1	37	2.8 1955*
26	63.8	17.7	75.4	24.1	90	52.2	11.2	37	2.8 1957
27	62.2	16.8	72.8	22.7	87	51.6	10.9	31	-0.6 1957
28	62.5	16.9	72.7	22.6	89	52.4	11.3	34	1.1 1957
29	63.8	17.7	74.0	23.3	90	53.5	11.9	36	2.2 1952
30	65.5	18.6	75.9	24.4	91	55.1	12.8	39	3.9 1954
31	63.9	17.7	73.7	23.2	90	54.0	12.2	39	3.9 1976
Monthly	68.0	20.0	79.0	26.1	99	57.1	13.9	31	-0.6 1957

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93901

DALLAS, TEXAS

STATION

STATION NAME

1945-1977

YEARS

NOVEMBER

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	63.0	17.2	73.0	22.8	87	30.6	87	30.6	1955	1955	53.0	11.7	36	2.2	36	2.2	1969	1969
2	59.7	15.4	69.9	21.1	87	30.6	87	30.6	1945	1945	49.5	9.7	30	-1.1	30	-1.1	1966*	1966*
3	56.3	13.5	66.2	19.0	89	31.7	89	31.7	1948	1948	46.4	8.0	28	-2.2	28	-2.2	1951	1951
4	57.9	14.4	68.5	20.3	90	32.2	90	32.2	1948	1948	47.3	8.5	31	-0.6	31	-0.6	1967*	1967*
5	58.0	14.4	68.6	20.3	85	29.4	85	29.4	1963	1963	47.4	8.6	32	0.0	32	0.0	1970	1970
6	58.6	14.8	69.3	20.7	84	28.9	84	28.9	1963*	1963*	47.8	8.8	28	-2.2	28	-2.2	1959	1959
7	58.0	14.4	69.3	20.7	87	30.6	87	30.6	1975	1975	46.8	8.2	31	-0.6	31	-0.6	1959	1959
8	57.5	14.2	68.2	20.1	84	28.9	84	28.9	1975*	1975*	46.7	8.2	31	-0.6	31	-0.6	1968	1968
9	56.4	13.6	67.8	19.9	87	30.6	87	30.6	1975	1975	45.0	7.2	30	-1.1	30	-1.1	1955	1955
10	56.2	13.4	67.6	19.8	84	28.9	84	28.9	1949	1949	44.7	7.1	25	-3.9	25	-3.9	1950	1950
11	58.3	14.6	70.3	21.3	82	27.8	82	27.8	1975*	1975*	46.4	8.0	18	-7.8	18	-7.8	1950	1950
12	58.8	14.9	70.1	21.2	85	29.4	85	29.4	1951	1951	47.6	8.7	27	-2.8	27	-2.8	1968	1968
13	59.1	15.1	69.8	21.0	87	30.6	87	30.6	1951	1951	48.3	9.1	30	-1.1	30	-1.1	1976	1976
14	58.8	14.9	67.9	19.9	85	29.4	85	29.4	1955	1955	49.6	9.8	27	-2.8	27	-2.8	1969	1969
15	59.3	15.2	69.8	21.0	85	29.4	85	29.4	1965*	1965*	48.8	9.3	25	-3.9	25	-3.9	1969	1969
16	58.2	14.6	69.3	20.7	83	28.3	83	28.3	1952	1952	47.2	8.4	27	-2.8	27	-2.8	1970	1970
17	55.3	12.9	65.1	18.4	83	28.3	83	28.3	1952	1952	45.5	7.5	20	-6.7	20	-6.7	1959	1959
18	54.3	12.4	64.1	17.8	85	29.4	85	29.4	1973	1973	44.4	6.9	22	-5.6	22	-5.6	1951	1951
19	55.1	12.8	66.0	18.9	87	30.6	87	30.6	1950	1950	44.2	6.8	25	-3.9	25	-3.9	1951	1951
20	54.4	12.4	66.0	18.9	85	29.4	85	29.4	1977	1977	42.8	6.0	25	-3.9	25	-3.9	1969	1969
21	54.2	12.3	65.0	18.3	85	29.4	85	29.4	1967	1967	43.5	6.4	30	-1.1	30	-1.1	1969*	1969*
22	54.0	12.2	64.5	18.1	85	29.4	85	29.4	1955	1955	43.4	6.3	28	-2.2	28	-2.2	1976*	1976*
23	53.9	12.2	64.4	18.0	85	29.4	85	29.4	1967	1967	43.4	6.3	23	-5.0	23	-5.0	1975	1975
24	53.0	11.7	62.7	17.1	88	31.1	88	31.1	1965	1965	43.3	6.3	22	-5.6	22	-5.6	1970	1970
25	56.2	13.4	69.0	20.6	86	30.0	86	30.0	1965	1965	43.5	6.4	25	-3.9	25	-3.9	1950	1950
26	55.0	12.8	66.3	19.1	85	29.4	85	29.4	1965	1965	43.7	6.5	27	-2.8	27	-2.8	1975	1975
27	51.6	10.9	62.7	17.1	81	27.2	81	27.2	1964	1964	40.6	4.8	27	-2.8	27	-2.8	1975	1975
28	49.1	9.5	58.5	14.7	83	28.3	83	28.3	1949	1949	39.6	4.2	23	-5.0	23	-5.0	1955	1955
29	47.8	8.8	59.6	15.3	81	27.2	81	27.2	1949	1949	36.0	2.2	16	-8.9	16	-8.9	1976	1976
30	49.8	9.9	60.9	16.1	82	27.8	82	27.8	1950	1950	38.7	3.7	25	-3.9	25	-3.9	1976*	1976*
31																		
Monthly	55.9	13.3	66.7	19.3	90	32.2	90	32.2	1948	1948	45.2	7.3	16	-8.9	16	-8.9	1976	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93901

DALLAS, TEXAS

1945-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	
1	52.9	11.6	63.6	17.6	82	27.8	42.2	5.7	26	-3.3	1975
2	52.9	11.6	63.9	17.7	79	26.1	41.9	5.5	27	-2.8	1976
3	52.8	11.6	65.0	18.3	85	29.4	40.7	4.8	26	-3.3	1967
4	53.2	11.8	64.2	17.9	85	29.4	42.2	5.7	26	-3.3	1945
5	52.9	11.6	63.5	17.5	80	26.7	42.3	5.7	18	-7.8	1950
6	49.9	9.9	59.9	15.5	84	28.9	39.8	4.3	13	-10.6	1950
7	48.5	9.2	58.9	14.9	80	26.7	38.2	3.4	12	-11.1	1950
8	49.2	9.6	59.5	15.3	82	27.8	38.8	3.8	24	-4.4	1950
9	47.0	8.3	55.8	13.2	77	25.0	38.2	3.4	20	-6.7	1974
10	46.9	8.3	55.7	13.2	76	24.4	38.1	3.4	23	-5.0	1972
11	47.6	8.7	57.3	14.1	79	26.1	37.8	3.2	22	-5.6	1957
12	47.1	8.4	57.7	14.3	87	30.6	36.5	2.5	19	-7.2	1962
13	45.5	7.5	55.6	13.1	80	26.7	35.5	1.9	19	-7.2	1961
14	47.0	8.3	56.7	13.7	77	25.0	37.2	2.9	16	-8.9	1958
15	46.8	8.2	57.2	14.0	76	24.4	36.4	2.4	19	-7.2	1951
16	47.5	8.6	58.2	14.6	84	28.9	36.8	2.7	15	-9.4	1972
17	48.9	9.4	59.7	15.4	75	23.9	38.1	3.4	22	-5.6	1972*
18	48.7	9.3	59.1	15.1	81	27.2	38.3	3.5	16	-8.9	1964
19	48.0	8.9	58.7	14.8	75	23.9	37.2	2.9	17	-8.3	1945
20	47.7	8.7	58.2	14.6	75	23.9	37.1	2.8	22	-5.6	1973*
21	46.8	8.2	58.7	14.8	73	22.8	34.8	1.6	18	-7.8	1951
22	47.5	8.6	59.0	15.0	80	26.7	36.0	2.2	17	-8.3	1963
23	48.1	8.9	58.3	14.6	79	26.1	37.9	3.3	11	-11.7	1963
24	47.3	8.5	58.7	14.8	77	25.0	35.8	2.1	18	-7.8	1966*
25	46.9	8.3	57.8	14.3	73	22.8	35.9	2.2	24	-4.4	1953
26	46.9	8.3	58.2	14.6	74	23.3	35.5	1.9	22	-5.6	1970
27	48.4	9.1	59.2	15.1	80	26.7	37.6	3.1	24	-4.4	1964
28	46.9	8.3	56.7	13.7	79	26.1	37.1	2.8	25	-3.9	1966
29	47.4	8.6	57.1	13.9	78	25.6	37.7	3.2	18	-7.8	1966
30	46.9	8.3	56.3	13.5	84	28.9	37.5	3.1	18	-7.8	1946
31	45.0	7.2	54.2	12.3	80	26.7	35.7	2.1	13	-10.6	1976
Monthly	48.4	9.1	58.8	14.9	87	30.6	37.9	3.3	11	-11.7	1963

*ALSO ON EARLIER YEARS

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION 93901 DALLAS, TEXAS STATION NAME 45-77 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			85	88	93	98	99	102	99	84	87	72	
46	77	73		95	90	97	103	104	97	86	82	80	
47	75	80	82	93	98	98	104	108	102	94	79	73	108
48	71		86	98	95	104	101	106	100	92	90	80	
49		72			95	100	102	106	99	88	86	79	
50	80	82	88	90	94	98	97	100	95	92	87	78	100
51	78	79	87	90	97	97	102	107	103	98	87	84	107
52	84	79	88	84	98	100	103	107	102	95	83	77	107
53	79	82	80	87	95	105	104	108	104	97	75	72	108
54	73	87	94	90	94	100	111	107	102	95	78	79	111
55	73	72	95	97	96	96	102	104	97	93	87		
56	79	82	96	89	96	102	107	107	103	96	80	80	107
57	85	87	78	81	92	98	108	103	99	91	79	72	108
58	66	72	70	90	100	98	102	105	100	89	79	77	105
59	74	87	88	89	95	101	97	103	98	89	78	72	103
60	76	86	85	94	93	102	104	100	99	90	82	73	104
61	73	79	84	87	93	95	97	101	99	86	83	73	101
62	76	86	80	85	96	98	100	103	98	91	82	71	103
63	77	88	86	100	97	101	105	104	103	98	86	69	105
64	76	67	78	88	93	97	106	109	100	86	81	79	109
65	75	70	78	87	93	96	102	104	103	94	83	79	104
66	70	71	92	87	94	96	102	101	96	92	83	84	102
67	84	80	93	94	100	100	107	108	95	89	85	79	108
68	75	70	82	85	94	98	99	102	98	93	83	77	102
69	83	83	81	87	93	103	106	107	99	93	84	76	107
70	85	76	83	87	93	99	104	106	96	89	79	83	106
71	80	78	91	87	90	96	103	95	97	92	83	78	103
72	81	85	91	93	93	106	99	103	99	96	79	75	106
73	74	79	81	83	96	94	99	99	91	90	85	87	99
74	82	83	100	91	96	99	108	100	92	88		79	
MEAN													
S. D.													
TOTAL OBS.													

5723 Extreme Values Jan 1969

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
93901	DALLAS, TEXAS	45-77

WHOLE DEGREES FAHRENHEIT

[illegible]

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS]

93901 DALLAS, TEXAS

45-77

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

2

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)93901
STATION

DALLAS, TEXAS

STATION NAME

45-77

YEARS

191911

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			32	36	40	60	66	68	51	37	27	17	
46	25	28		43		53		65	56	40	32	18	
47	7	21	22	37	45	54	63	69	51	50	32	23	7
48	14				47	56	68	63	49	32	25	24	
49		9	32		56	66	70	63	48	40	33	26	
50	19	30	29	35	56	61	67	63	57	47	18	12	12
51	14	9	28	39	53	62	69	71	52	42	22	18	9
52	26	30	30	38	46	69	63	72	59	36	30	25	25
53	20	25	35	34	48	68	65	64	56	40	32	18	18
54	15	29	24	36	39	54	75	68	52	39	30	28	15
55	25	18	22	40	57	56	69	64	61	37	23	26	17
56	17	25	31	39	58	62	74	63	57	45	26	22	17
57	17	37	27	32	46	65	76	66	55	31	33	22	16
58	23	18	32	42	52	58	68	64	57	45	28	16	8
59	8	24	34	36	57	64	70	67	55	38	20	26	17
60	23	17	20	42	44	66	51	67	58	41	29	22	12
61	12	29	39	40	51	60	68	62	55	43	36	19	7
62	7	20	19	34	49	65	70	65	59	41	37	19	8
63	8	21	31	47	49	68	72	68	52	48	30	11	10
64	10	25	30	37	51	54	69	72	56	39	28	16	17
65	18	17	22	41	51	63	69	66	54	44	36	32	10
66	10	21	31	36	48	64	73	62	56	36	30	15	17
67	21	22	24	47	45	66	63	66	46	40	31	24	21
68	12	24	25	36	49	59	64	64	51	39	27	15	12
69	18	26	22	41	45	56	72	69	58	38	25	20	18
70	15	21	29	37	46	54	64	68	53	37	22	22	15
71	15	9	19	30	44	65	58	64	47	47	33	30	9
72	14	20	31	41	54	57	62	66	45	45	30	15	14
73	3	20	35	30	44	61	67	64	54	38	35	22	3
74	16	21	30	37	55	60	69	65	45	41		20	
MEAN													
S. D.													
TOTAL OBS.													

5723 Extreme Values Jan 1969

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93901 DALLAS, TEXAS

45-77

DALLAS, TEXAS

STATION

STATION NAME

YEARS

WHOLE DEGREES FAIRNESS IT

[illegible]

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

92901 DALLAS, TEXAS

45-77

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

YEARS

616161

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

PSYCHROMETRIC SUMMARY

93901

DALLAS, TEXAS

73-77

YEARS

JAN

MONTH

PAGE 1

HOURS (L.S.T.)

5705 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL															
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79																		3																	
78/ 77																		4																	
76/ 75																		3																	
74/ 73																		4																	
72/ 71																		10																	
70/ 69																		12																	
68/ 67																		18																	
66/ 65																		18																	
64/ 63																		32																	
62/ 61																		25																	
60/ 59																		29																	
58/ 57																		50																	
56/ 55																		43																	
54/ 53																		54																	
52/ 51																		49																	
50/ 49																		54																	
48/ 47																		62																	
46/ 45																		77																	
44/ 43																		77																	
42/ 41																		91																	
40/ 39																		60																	
38/ 37																		87																	
36/ 35																		46																	
34/ 33																		46																	
32/ 31																		62																	
30/ 29																		55																	
28/ 27																		43																	
26/ 25																		22																	
24/ 23																		37																	
22/ 21																		18																	
20/ 19																		21																	
18/ 17																		11																	
16/ 15																		9																	
14/ 13																		6																	
Element (X)	ΣX																	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature				Total									
Rel. Hum.																						≥ 0 F				≥ 32 F		≥ 67 F		≥ 73 F		≥ 93 F		Total	
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

NAWFEASERVCOM

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

PSYCHROMETRIC SUMMARY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

JAN
MONTH

5705 PSYCHROMETRIC SUMMARY JAN 68

PAGE 2
HOURS (E.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
12/ 11																					4	34
10/ 9	.1																		1	1	2	18
8/ 7																						21
6/ 5	.1																		1	1	1	16
4/ 3																						8
2/ 1																						2
0/- 1																						5
- 2/- 3																						2
-4 /- 5																						2
TOTAL	8.526	418.718	5	9.9	7.3	4.2	2.7	1.8	1.4	.2	.4	.1						1240	1240	1240	1240	
		</																				

NAWFEASERVCOM

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

PSYCHROMETRIC SUMMARY

5705 PSYCHROMETRIC SUMMARY JAN 68

93901 STATION

DALLAS, TEXAS

73-77

YEARS

FEB MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																		1	1		
82/ 81																		4	4		
80/ 79																		4	4		
78/ 77																		12	12		
76/ 75																		12	12		
74/ 73																		26	26		
72/ 71																		26	26		
70/ 69																		32	32		
68/ 67																		32	32		
66/ 65																		45	45		4
64/ 63																		49	49		25
62/ 61																		50	50		38
60/ 59																		44	44		40
58/ 57																		55	55		46
56/ 55																		57	57		44
54/ 53																		54	54		60
52/ 51																		49	49		63
50/ 49																		56	56		75
48/ 47																		73	73		68
46/ 45																		83	83		84
44/ 43																		63	63		83
42/ 41																		67	67		92
40/ 39																		56	56		74
38/ 37																		41	41		70
36/ 35																		34	34		84
34/ 33																		24	24		41
32/ 31																		28	28		69
30/ 29																		18	18		30
28/ 27																		16	16		25
26/ 25																		8	8		23
24/ 23																		3	3		9
22/ 21																		2	2		5
20/ 19																		1	1		3
18/ 17																		1	1		1
Element (X)	Σ X ²																Σ X		Mean No. of Hours with Temperature		
Rel. Hum.																			≥ 93 F		
Dry Bulb																			≥ 80 F		
Wet Bulb																			≥ 73 F		
Dew Point																			≥ 67 F		
																			≥ 32 F		
																			≥ 0 F		
																			Total		

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5705 PSYCHROMETRIC SUMMARY JAN 68

33901 STATION NAME
DALLAS, TEXAS
73-77
MAR MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
96/ 95													.1					1	1					
94/ 93												.1						1	1					
92/ 91														.1				1	1					
90/ 89										.1								1	1					
88/ 87														.1				1	1					
86/ 85															.1			3	3					
84/ 83								.1	.1				.1					7	7					
82/ 81							.4	.3	.3	.1		.1	.2	.1				19	19					
80/ 79						.3	.6	.8	.1	.1	.1	.2	.1	.1				28	28					
78/ 77					.2	.9	.7	.4	.1	.2	.3	.2	.1					24	24					
76/ 75				.1	.9	.4	.4	.4	.2	.1	.2	.2	.1					44	44					
74/ 73				.8	.3	1.0	.2	.2	.2	.3	.2	.2						42	42					
72/ 71	.1	.6	1.0	1.0	.6	.3	.2	.3	.3	.2	.2	.2						50	50	7				
70/ 69	.2	1.3	1.0	1.0	.5	.6	.3	.2	.2	.2	.3	.4						64	64	21				
68/ 67	.5	.7	.9	.5	.5	.3	.5	.2	.5	.9	.2							64	64	56	5			
66/ 65	.6	1.3	.5	.2	.2	.2	.3	.4	.8	.3	.2	.1						61	61	73	30			
64/ 63	.2	1.3	1.4	.6	.6	.6	.5	.7	.6	.2								84	84	58	57			
62/ 61	.1	1.3	1.3	.6	.4	.6	.8	.6	.4	.2								78	78	67	45			
60/ 59	.1	.7	.9	.6	1.3	1.0	.3	.2	.5									70	70	64	87			
58/ 57	.5	.6	1.0	1.1	.6	1.4	1.1	.5										84	84	71	74			
56/ 55	.6	1.2	.9	1.2	1.5	.3	.6	.2										81	81	70	51			
54/ 53	.2	1.1	1.2	1.4	1.0	1.0	.5	.1										80	80	73	45			
52/ 51	.4	.8	1.4	1.3	.6	1.0	.2											70	70	87	45			
50/ 49	.9	1.4	.8	.8	.8	.4												53	53	117	47			
48/ 47	.5	.7	.8	.5	.6	.3	.2											45	45	111	68			
46/ 45	.3	1.1	1.0	.6	.4	.3	.1											47	47	74	58			
44/ 43	.3	.4	.7	.6	.5	.1												32	32	83	70			
42/ 41	.1	.6	.7	.4	.2	.1												26	26	52	77			
40/ 39	.2	.6	.5	.5	.2													24	24	38	78			
38/ 37	.5	.6	.8	.2														27	27	41	66			
36/ 35	.2	.3	.1	.2														9	9	31	45			
34/ 33	.2	.6	.2															10	10	25	59			
32/ 31	.1	.3																5	5	12	57			
30/ 29	.2	.1																3	3	8	48			
Element (X)	Σ X												̄ X	σ x	Mean No. of Hours with Temperature			≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

NAVWEASERVCOM

MAR
MONTH

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

PAGE 2
HOURS (L.S.T.)

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93901

DALLAS, TEXAS

STATION NAME

73-77

YEARS

APR

MONTH

PAGE 1

HOURS (L.S.T.)

5705 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	
90/ 89										.1					.1			2	2		
88/ 87									.1	.1					.1			3	3		
86/ 85									.1	.1					.1			8	8		
84/ 83									.1	.1			.1	.1	.1			16	16		
82/ 81					.1	.1	.2	.2	.2	.2	.1	.2	.2	.1	.2			19	19		
80/ 79					.4	.3	.3	.3	.9	.1	.5	.2	.2	.1	.1			41	41		
78/ 77				.5	.8	1.2	.6	.5	.4	.5	.6	.2	.1					65	65		
76/ 75			.2	.8	1.3	1.0	.9	.4	.9	.4	.2	.1						71	71		
74/ 73			1.2	1.7	.7	.5	.7	.6	.2	.3	.4	.1						77	77	10	
72/ 71		.2	1.5	2.3	1.2	1.2	.8	.1	.2	.3	.1	.2						97	97	30	
70/ 69		.2	1.5	2.3	.7	.4	.9	.4	.2	.4	.2							87	87	55	
68/ 67		.3	2.0	1.3	.7	.6	.9	.4	.5	.2								85	85	90	
66/ 65	.1	.7	1.8	1.0	.9	.7	.3	.3	.2	.2								75	75	85	
64/ 63	.1	1.7	1.7	1.3	.9	.9	.4	.5	.4	.1								97	97	109	
62/ 61		1.2	1.2	1.5	1.2	.9	.2	.2	.1									80	80	106	
60/ 59	.1	1.2	1.1	1.2	.7	.7	.2	.3										66	66	96	
58/ 57	.1	1.3	1.3	.4	.9	.6	.4	.1	.2									64	64	97	
56/ 55	.2	1.2	1.6	1.1	.8	.3	.3	.1										68	68	96	
54/ 53	.2	.5	1.0	.7	.2	.3	.2	.1										38	38	101	
52/ 51	.2	.8	.9	.8	.3	.3	.3											42	42	67	
50/ 49	.1	.7	.7	.3	.5	.3	.2											35	35	76	
48/ 47		.4	.6	.2	.2	.1												16	16	54	
46/ 45		.1	.2	.3	.5	.2												16	16	36	
44/ 43		.1	.2	.1	.2													7	7	22	
42/ 41		.1	.2	.2	.2													10	10	18	
40/ 39	.2		.2	.1														6	6	19	
38/ 37		.1	.2	.2														3	3	13	
36/ 35		.1	.2															3	3	10	
34/ 33			.2															2	2	5	
32/ 31																				2	
30/ 29		.1																1	1	2	
28/ 27																				1	
26/ 25																				1	
24/ 23																				1	
22/ 21																				1	
20/ 19																				1	
18/ 17																				1	
16/ 15																				1	
14/ 13																				1	
12/ 11																				1	
10/ 9																				1	
8/ 7																				1	
6/ 5																				1	
4/ 3																				1	
2/ 1																				1	
0/ 0																				1	
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5705 PSYCHROMETRIC SUMMARY JAN 68

93901 DALLAS, TEXAS

73-77

JUL

MONTH

YEARS

STATION NAME

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																.1	.1	2	2		
106/105																.1	.1	5	5		
104/103																.1		9	9		
102/101																.2		8	8		
100/99											.2	.2	.2	.2	.5			26	26		
98/97										.1	.6	1.0	.5	.3	.2			34	34		
96/95										1.4	1.9	1.4	.3	.1				63	63		
94/93									.4	1.5	1.9	.3		.1				74	74		
92/91							.2	1.5	2.2	2.0	.1	.2	.1					78	78		
90/89						.1	.9	2.5	2.8	.6	.3	.1						91	91		
88/87						.8	3.1	2.0	1.2	.3								92	92		
86/85						3.0	3.3	1.3	.4									101	101		
84/83		.1			.1	3.3	1.5	.5										102	102		
82/81			.1	.7	2.8	1.9	.7	.3	.1	.1								84	84	3	1
80/79			1.0	3.1	3.5	1.5	.4											118	118	21	1
78/77		.3	2.6	3.7	2.3	.8	.1											121	121	140	
76/75		.6	4.1	3.6	1.2	.2												121	121	302	16
74/73	.2	1.6	3.2	1.2	.2													80	80	311	113
72/71		.7	1.0	.2														24	24	289	249
70/69			.4															5	5	114	300
68/67			.1															1	1	46	256
66/65																				11	162
64/63																				2	75
62/61																					33
60/59																					20
58/57																					6
56/55																					2
54/53																					2
52/51																					2
50/49																					1
TOTAL	.2	3.4	12.6	12.8	12.6	11.7	10.3	8.6	8.2	6.1	5.1	3.6	2.2	1.5	1.0	.2	.2	1239	1239	1239	1239
Element (X)	ΣX ²	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total				
Ref. Hum.	5061401	76387	61.7	16.861	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239
Dry Bulb	8899275	104563	84.4	7.777	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239
Wet Bulb	6691060	90986	73.4	2.770	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239
Dew Point	5829822	84878	68.5	3.207	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239	1239

NAWEASERVCOM

PSYCHROMETRIC SUMMARY

5705 PSYCHROMETRIC SUMMARY JAN 68

92901 DALLAS, TEXAS STATION NAME
73-77 YEARS
AUG MONTH
PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	DB./W.B.	Dry Bulb	Wet Bulb	Dew Point	
102/101											.1	.1		.2				4	4			
100/ 99											.1	.1	.3					5	5			
98/ 97									.1	.1	.8	.7	.5					27	27			
96/ 95									.1	1.0	2.6	1.5	.1	.2				68	68			
94/ 93								.2	1.5	2.3	1.9	.5						79	79			
92/ 91							.2	.9	2.3	2.4	.8	.4	.1					87	87			
90/ 89							.6	2.2	2.2	1.0	.3	.1	.1					80	80			
88/ 87					.1	.3	2.6	2.1	.6	.4	.2							78	78			
86/ 85					.3	2.8	3.1	1.2	.7	.2	.1							105	105			
84/ 83				.2	2.6	3.1	2.1	.8	.2									112	112			
82/ 81			.1	1.3	2.8	2.7	1.3	.4	.1									107	107	2		
80/ 79		.5	3.5	4.0	1.9	.3	.2											128	128	13		
78/ 77		.1	1.6	4.5	2.0	1.3	.2	.1										123	123	105		
76/ 75		.2	1.9	4.4	1.5	.7	.2											110	110	278	15	
74/ 73		.9	2.3	2.0	.5	.2												74	74	298	57	
72/ 71		.7	.7	1.0	.2	.1	.1											34	34	266	208	
70/ 69		.5	.1	.2	.3													13	13	159	323	
68/ 67	.1	.1	.1															3	3	70	254	
66/ 65	.1		.1															2	2	33	173	
64/ 63		.1																1	1	10	105	
62/ 61																			6	6	52	
60/ 59																				34	34	
58/ 57																				9	9	
56/ 55																				6	6	
54/ 53																				2	2	
52/ 51																				2	2	
TOTAL	.2	2.5	7.4	17.1	14.2	13.1	10.6	8.0	7.9	7.5	6.7	3.4	1.0	.3				1240	1240	1240	1240	

Element (X)	ΣX ²	ΣX	\bar{X}	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4949167	76071	61.3	15.097	1240	≥ 67 F	≥ 32 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	8715053	103559	83.5	7.314	1240	742.2	712.2	486.0	109.8	744.0	744.0
Wet Bulb	6574321	90205	72.7	3.147	1240	714.6	417.6	2.4		744.0	744.0
Dew Point	5718313	84087	67.8	3.615	1240	514.2	94.8			744.0	744.0

NAWSEASERVCOM

PSYCHROMETRIC SUMMARY

93901
STATION

DALLAS, TEXAS

STATION NAME

73-77

YEARS

SEP
MONTHPAGE 1
HOURS (L.S.T.)

5705 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL								
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
100/ 99										.1	.2	.3	.1	.1				4	4										
98/ 97										.1	.1	.1	.1					7	7										
96/ 95									.1		.3	.5	.2					13	13										
94/ 93									.3	.7	.9	.2						25	25										
92/ 91							.5	.4	.6	1.2	.4	.2						33	33										
90/ 89							1.5	.4	.8	.3	.2	.2						30	30										
88/ 87					.2	.9	1.3	1.4	.3	.2	.4	.1						54	54										
86/ 85					1.6	2.2	1.2	.9	.6	.2	.2							56	56										
84/ 83					.9	2.4	1.0	.6	.3	.2	.2	.1	.1					82	82										
82/ 81			.1	.3	1.6	2.2	1.0	.5	.4	.2	.2	.2	.1	.1				74	74										
80/ 79		.1	.4	1.2	2.2	1.6	.8	.6	.2	.2	.1	.2						79	79		2								
78/ 77		.1	1.3	2.9	2.2	1.0	.5	.4	.3	.2	.2	.2						111	111		4								
76/ 75		.4	1.4	1.7	1.3	1.2	.4	.2	.2	.7	.1							92	92		31								
74/ 73	.2	1.3	2.8	2.1	.9	.7	.7	.7	.4	.2								119	119		103								
72/ 71	.7	1.4	2.1	1.4	.6	.7	.3	.3	.1	.1								93	93		155								
70/ 69	.7	1.4	1.1	.7	.5	.2	.4	.2	.1									66	66		190								
68/ 67	.4	.5	1.0	.4	.9	.8	.6											56	56		157								
66/ 65	.6	.2	.7	1.1	.7	.6												47	47		172								
64/ 63	.2	.2	.7	1.2	.5	.4												38	38		116								
62/ 61	.1	.7	.2	1.0	.3													28	28		83								
60/ 59	.2	1.1	.5	.3	.2	.1												29	29		53								
58/ 57	.7	.4	.7	.2	.1													25	25		85								
56/ 55	.1	.5	.2	.4	.2													17	17		61								
54/ 53	.2	.2	.2															7	7		74								
52/ 51	.2	.3	.3	.1														11	11		69								
50/ 49	.1	.1																2	2		55								
48/ 47	.1																	2	2		49								
46/ 45																		11	11		31								
44/ 43																		2	2		50								
42/ 41																		2	2		34								
40/ 39																		2	2		17								
38/ 37																		2	2		10								
TOTAL	4.2	9.1	13.8	15.2	12.4	12.8	9.3	7.4	5.4	4.5	3.4	1.8	.4	.1				1200	1200	1200	1200								
Element (X)																			ΣX²	ΣX	Mean No. of Hours with Temperature					Total			
Rel. Hum.																			5697276	79828	66.5	17.962	1200	596.4	467.4	249.0	29.4	720.0	
Dry Bulb																			6984849	90801	75.7	9.757	1200	454.8	177.0	2.4	720.0	720.0	
Wet Bulb																			5479098	80656	67.2	6.951	1200	297.6	57.0		720.0	720.0	
Dew Point																			4767287	75019	62.5	8.035	1200					720.0	720.0

NAWFEASERVCOM

PSYCHROMETRIC SUMMARY

5705 PSYCHROMETRIC SUMMARY JAN 68

93901 DALLAS, TEXAS 73-77

STATION NAME YEARS MONTH

OCT

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point						
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb								
98/ 97											.1							1	1									
94/ 93											.1							1	1									
92/ 91											.1		.1					3	3									
90/ 89											.2		.1					3	3									
88/ 87											.2	.2	.1	.1				14	14									
86/ 85											.6	.2	.1	.1				29	29									
84/ 83											.4	.3	.1	.1				38	38									
82/ 81											.5	.2	.1	.1				38	38									
80/ 79							.4	.7	.6	.6	.5	.2	.1	.3				50	50									
78/ 77			1.0	.6	.7	.9	.9	.6	.7	.4	.1	.1	.1					74	74	6								
76/ 75			.9	.3	.8	.7	1.0	.4	.3	.2	.1	.1						60	60	12								
74/ 73			.7	.9	1.0	1.1	.4	.6	.6	.3	.2	.1	.1					76	76	34								
72/ 71		.2	.3	.7	.7	.9	.4	.6	.3	.3	.1	.1						85	85	31								
70/ 69		.4	1.7	1.0	1.2	1.0	.2	.7	.2	.3	.2							89	89	62								
68/ 67		.8	.7	1.9	.8	1.6	.5	.7	.2	.3	.2							97	97	95								
66/ 65		1.0	1.5	1.4	1.4	.8	.4	.2	.2	.3	.1							90	90	133								
64/ 63		1.0	1.8	1.2	2.0	.5	.9	.7	.2	.3								107	107	122								
62/ 61		.3	.5	.7	1.2	1.4	.6	.3	.2	.1								66	66	107								
60/ 59		.2	.3	.7	1.0	.6	.6	.2	.3									52	52	85								
58/ 57		.4	.5	1.1	1.0	.5	.2	.2										48	48	93								
56/ 55		.6	.3	.7	.7	.9	.5	.3										50	50	77								
54/ 53		.4	.6	.4	.5	.4	.4											34	34	80								
52/ 51			.8	.7	1.0	.2	.2											37	37	61								
50/ 49			.3	.7	.3	.9												28	28	56								
48/ 47		.2	.1	.3	.6	.3												22	22	42								
46/ 45		1.0	.5	.5	.1													26	26	35								
44/ 43		.1	.3	.2	.2													9	9	42								
42/ 41		.1	.2	.3														7	7	24								
40/ 39																		5	5	14								
38/ 37			.1	.2														1	1	6								
36/ 35																				2								
34/ 33																				1								
32/ 31																				27								
30/ 29																				10								
Element (X)																												
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
Dew Point																												
Mean No. of Hours with Temperature																	No. Obs.		ΣX		ΣX²		σx		σx		Total	
≥ 0 F																	≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	

PSYCHROMETRIC SUMMARY

5705 PSYCHROMETRIC SUMMARY JAN 68

93901 DALLAS, TEXAS 73-77 NOV
STATION NAME YEARS MONTH

PAGE 1
HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point				
86/ 85								.1	.1	.1	.1							2	2					
84/ 83							.1	.1	.1	.1	.1							3	3					
82/ 81							.1	.1	.1	.1	.1	.1						6	6					
80/ 79				.1	.1	.1	.1	.1	.1	.1	.1	.1						16	16					
78/ 77				.2	.1	.1	.1	.1	.1	.1	.1	.1						13	13					
76/ 75		.1	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1						29	29					
74/ 73		.3	.5	.2	.4	.4	.5	.2	.1	.1	.1	.1						37	37	5				
72/ 71	.1	.5	.4	.6	.3	.6	.3	.3	.2	.3	.2	.1						47	47	21				
70/ 69	.1	.4	1.2	.6	.5	.2	.5	.2	.2	.2	.2							49	49	23				
68/ 67	.2	.6	1.0	.5	.6	.3	.3	.4	.2	.1								51	51	15				
66/ 65	.1	.5	.6	.6	.3	.7	.5	.3	.2	.2	.1							49	49	26				
64/ 63	.1	.7	.9	1.2	.7	.6	.2	.4	.5	.2								64	64	25				
62/ 61	.4	1.6	.7	1.0	.4	.6	.2	.3	.2	.2								67	67	50				
60/ 59	1.3	.7	1.1	1.2	.8	.5	.4	.2	.2	.2	.1							80	80	51				
58/ 57	.7	1.1	1.2	1.0	.4	.3	.3	.4	.1	.2								68	68	60				
56/ 55	.3	1.2	1.8	.6	.7	.7	1.0	.4	.2	.1								84	84	71				
54/ 53	.7	1.1	1.4	.9	.7	.7	.7	.3	.2	.1								80	80	90				
52/ 51	.9	1.5	1.0	1.0	.7	.9	.2	.2	.1									80	80	85				
50/ 49	.4	2.2	1.2	.2	.5	.9	.3	.2										70	70	67				
48/ 47	.6	.9	1.4	.9	.7	.3	.4	.1										65	65	87				
46/ 45	.3	.6	1.0	.7	.3	.2	.2	.1										41	41	65				
44/ 43	.2	.7	.8	.7	.6	.2	.1											39	39	64				
42/ 41		.4	.4	.6	.2	.3	.1											25	25	70				
40/ 39	.1	.2	.7	.3	.5	.2												25	25	46				
38/ 37		.4	.7	.4	.9													30	30	31				
36/ 35		.3	.7	.6	.2													23	23	40				
34/ 33		.7	.5	.4														20	20	26				
32/ 31		.7	.2	.2	.1													13	13	46				
30/ 29		.2	.2	.1	.1													6	6	24				
28/ 27		.1	.3	.3														9	9	6				
26/ 25		.2	.1	.1														4	4	5				
24/ 23			.2															3	3	11				
22/ 21																				5				
20/ 19																				2				
Element (X)																		Mean No. of Hours with Temperature						
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

NAWEASERVCOM

NOV
MONTH

PAGE 2
HOURS (L.S.T.)

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5705 PSYCHROMETRIC SUMMARY JAN 68

DEC
MONTH
PAGE 1
HOURS (L.S.T.)

73-77
YEARS

93901 DALLAS, TEXAS
STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Dew Point										
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		Dry Bulb	Wet Bulb	TOTAL							
88/ 87															.1			1	1										
86/ 85															.1			1	1										
84/ 83															.1			2	2										
82/ 81															.1			1	1										
80/ 79								.1							.1			4	4										
78/ 77								.1							.1			4	4										
76/ 75								.1							.1			6	6										
74/ 73							.1	.2		.1					.2			12	12										
72/ 71							.1	.3		.1					.1			11	11										
70/ 69			.1				.2	.6		.1					.1			24	24										
68/ 67			.1	.2			.2	.2		.2					.1			19	19	2	1								
66/ 65		.1	.1	.6	.2		.2	.1		.2					.1			33	33	5	1								
64/ 63			.8	.4	.3		.2	.2		.2					.2			35	35	14	5								
62/ 61	.2	.2	.4	.4	.4		.2	.6		.2	.1				.1			38	38	30	9								
60/ 59	.1	.4	.6	.2	.1		.3	.3		.5					.5			37	37	25	18								
58/ 57	.1	.5	.4	.6	.6		.6	.9		.1					.1			54	54	33	23								
56/ 55	.2	.9	.7	.6	1.0		1.0	1.0		.2	.1				.1			73	73	26	30								
54/ 53	.2	.7	.3	.6	.9		.7	.4		.1	.2				.2			52	52	40	27								
52/ 51	.4	.5	1.1	.6	1.0		1.5	.6		.5	.2				.2			78	78	46	27								
50/ 49	.4	.5	1.0	1.3	1.5		.6	.6		.2					.2			78	78	69	28								
48/ 47	.3	1.0	1.6	1.4	1.3		.5	.4		.1					.1			81	81	70	30								
46/ 45	.2	.7	1.6	1.5	.6		.9	.2		.1					.1			72	72	93	33								
44/ 43	.2	1.1	2.5	2.4	.7		.9	.5							.1			103	103	96	29								
42/ 41	.8	1.8	1.3	1.5	.6		.4	.2							.2			83	83	98	51								
40/ 39	.6	.8	2.8	1.3	.2		.3								.1			78	78	126	80								
38/ 37	.2	.9	1.3	1.3	.4		.6								.1			59	59	80	79								
36/ 35	.5	1.5	1.9	.8	.2		.2								.1			64	64	104	76								
34/ 33	.1	1.1	.8	.7	.3										.1			38	38	71	92								
32/ 31	.1	.6	.7	.3	.1		.1								.1			23	23	62	102								
30/ 29	.1	1.0	.6	.7	.2										.1			32	32	50	97								
28/ 27	.1	.6	.6	.1											.1			16	16	31	77								
26/ 25			.3	.2											.1			7	7	23	53								
24/ 23	.1	.3	.5	.2											.1			13	13	17	54								
22/ 21	.1		.2												.1			4	4	11	41								
Element (X)	Σ X ²																Σ X		No. Obs.		Mean No. of Hours with Temperature					Total			
Rel. Hum.																					≥ 0 F					≥ 80 F		≥ 93 F	
Dry Bulb																													
Wet Bulb																													
Dew Point																													

NAVWASERVCOM

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93901 DALLAS, TEXAS

73-77

STATION	HRS.(L.S.T.)	STATION NAME												YEARS	ANNUAL
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00	MEAN	40.2	47.9	56.2	61.5	69.8	76.1	80.3	79.6	72.1	63.0	53.1	44.7	62.1	
	S. D.	11.246	10.698	9.815	8.430	6.666	4.716	4.039	3.559	7.836	8.734	10.649	9.979	15.679	
	TOTAL OBS	155	141	153	150	155	150	154	155	150	155	150	155	1825	
03	MEAN	36.2	45.0	53.5	59.1	67.2	73.5	77.3	76.9	69.7	60.5	51.0	42.3	59.6	
	S. D.	11.338	10.805	9.929	8.690	6.765	4.690	3.092	3.103	7.859	9.024	10.965	9.953	15.589	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
06	MEAN	36.8	43.2	51.8	57.3	65.8	72.3	75.7	74.9	68.2	58.9	49.7	41.1	58.0	
	S. D.	11.858	10.710	10.285	9.205	7.091	4.542	2.387	2.949	7.683	9.403	11.249	10.381	15.650	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
09	MEAN	39.1	46.9	56.4	63.6	73.6	80.3	84.2	82.4	74.7	65.6	53.6	44.0	63.8	
	S. D.	11.554	9.832	9.917	8.330	6.103	4.439	3.983	3.841	7.648	8.139	10.520	9.590	17.115	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
12	MEAN	47.6	56.3	63.8	70.3	79.5	86.4	91.1	89.5	81.6	73.7	61.7	54.0	71.4	
	S. D.	13.037	11.649	11.351	8.968	6.759	4.934	5.268	4.922	8.698	9.484	11.595	11.017	16.897	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
15	MEAN	51.9	61.2	67.5	72.9	82.2	89.1	92.9	92.3	84.0	76.5	64.7	58.0	74.5	
	S. D.	14.322	12.679	11.587	8.550	7.295	5.575	6.522	5.292	8.867	9.440	12.012	11.783	16.600	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
18	MEAN	47.6	57.6	65.2	71.0	80.0	86.8	90.1	89.5	80.2	71.4	59.3	52.0	71.0	
	S. D.	12.308	11.461	10.560	7.975	6.316	5.262	6.925	5.460	8.679	8.279	10.633	9.637	16.680	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
21	MEAN	43.4	51.6	59.3	64.8	73.5	80.0	83.5	83.0	74.8	65.8	55.1	47.5	65.2	
	S. D.	11.299	10.467	9.604	7.649	6.282	4.780	4.978	4.084	7.974	8.091	10.544	9.730	15.738	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
ALL HOURS	MEAN	43.1	51.2	59.2	65.1	73.9	80.6	84.4	83.5	75.7	66.9	56.0	48.0	65.7	
	S. D.	13.153	12.619	11.682	10.046	8.795	7.710	7.777	7.315	9.758	10.631	12.081	11.730	17.187	
	TOTAL OBS	1240	1128	1240	1200	1240	1200	1239	1240	1200	1240	1200	1240	14607	

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93901 DALLAS, TEXAS

73-77

STATION NAME														YEARS											
HRS. (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL												
00	MEAN	36.5	42.7	50.5	55.7	64.0	69.2	72.3	71.4	65.8	57.4	48.6	40.0	56.2											
	S. D.	10.500	9.497	9.519	8.687	6.137	4.143	2.101	2.723	6.735	8.566	11.080	9.563	14.436											
	TOTAL OBS	155	141	155	150	155	150	154	155	150	155	150	155	1825											
03	MEAN	35.2	41.2	49.0	54.5	62.5	68.2	71.1	70.6	64.9	56.2	47.3	38.5	55.0											
	S. D.	10.767	10.089	9.855	8.984	6.398	4.406	2.025	2.747	7.086	9.128	11.488	9.862	14.762											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
06	MEAN	34.1	39.8	48.2	53.6	62.0	68.2	70.8	70.1	64.3	55.3	46.6	37.7	54.3											
	S. D.	11.198	10.184	10.352	9.459	6.699	4.173	2.093	2.779	7.426	9.504	11.839	10.183	15.140											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
09	MEAN	36.1	42.4	50.9	57.1	65.9	71.2	74.4	73.5	67.8	59.4	49.2	39.9	57.4											
	S. D.	10.996	9.334	9.550	8.365	5.858	3.793	1.944	2.432	6.697	8.277	11.148	9.447	15.195											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
12	MEAN	40.8	47.2	54.0	59.6	67.9	72.9	75.5	75.0	69.9	62.4	52.8	45.2	60.3											
	S. D.	10.872	9.237	9.048	7.864	5.917	3.749	2.093	2.591	6.735	8.106	10.916	9.329	14.034											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
15	MEAN	42.9	49.3	55.5	60.7	68.7	73.4	75.4	74.9	70.0	63.0	53.8	46.6	61.2											
	S. D.	11.131	9.038	8.766	7.355	5.817	3.871	2.279	2.517	6.080	7.463	10.726	8.865	13.341											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
18	MEAN	40.7	47.4	54.5	59.9	67.9	72.6	74.6	74.0	68.4	61.1	51.4	43.9	59.8											
	S. D.	10.378	8.873	8.659	7.263	5.653	3.708	2.436	2.497	6.127	7.679	10.574	8.623	13.695											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
21	MEAN	38.7	44.9	52.1	57.8	65.9	70.7	73.2	72.5	66.6	58.9	49.5	41.6	57.7											
	S. D.	10.357	8.937	8.834	7.818	5.889	3.800	2.326	2.564	6.358	7.863	10.708	9.080	13.981											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
ALL HOURS	MEAN	38.1	44.4	51.9	57.3	65.6	70.8	73.4	72.7	67.2	59.2	49.9	41.7	57.7											
	S. D.	11.139	9.899	9.636	8.590	6.493	4.415	2.770	3.147	6.952	8.731	11.291	9.832	14.527											
	TOTAL OBS	1240	1128	1240	1200	1240	1200	1239	1240	1200	1240	1200	1240	14607											

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

DALLAS, TEXAS

93901

STATION

STATION NAME

YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00	MEAN	30.9	36.4	44.8	50.9	60.5	65.5	68.6	67.5	62.2	53.0	43.4	33.4	51.5
	S. D.	12.602	11.218	12.194	11.132	6.913	5.044	2.901	3.561	7.716	10.470	14.376	12.557	16.363
	TOTAL OBS	155	141	155	150	155	150	154	155	150	155	150	155	1825
03	MEAN	30.1	36.2	44.3	50.5	59.6	65.5	68.2	67.5	62.1	52.7	42.9	32.7	51.1
	S. D.	12.759	11.793	12.257	11.076	7.151	5.105	2.885	3.452	7.854	10.823	14.480	12.762	16.576
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
06	MEAN	29.4	35.2	44.3	50.3	59.7	66.0	68.6	67.8	61.9	52.3	42.6	32.5	51.0
	S. D.	12.912	11.890	12.385	11.193	7.219	4.604	2.796	3.262	8.219	11.003	14.631	12.752	16.874
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
09	MEAN	31.1	36.6	45.5	51.7	61.3	66.8	70.1	69.4	63.9	54.7	44.2	34.1	52.5
	S. D.	13.162	11.710	11.841	11.304	7.510	4.910	2.986	2.957	7.807	10.460	14.421	12.409	16.787
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
12	MEAN	31.6	37.1	45.2	51.2	61.3	66.5	68.8	68.6	63.7	54.4	43.9	34.5	52.3
	S. D.	13.175	12.043	12.194	11.684	8.198	5.518	3.686	3.662	8.675	11.017	15.337	13.241	16.790
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
15	MEAN	31.4	36.8	44.8	51.4	61.2	66.0	67.7	67.2	62.5	53.5	43.0	33.2	51.6
	S. D.	13.745	12.019	12.287	11.754	8.264	5.835	4.392	3.953	8.248	10.885	15.694	13.073	16.758
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
18	MEAN	31.3	36.2	44.6	51.0	60.8	65.6	67.6	66.9	61.8	53.5	43.0	33.3	51.4
	S. D.	13.284	11.909	12.627	11.960	8.478	5.834	4.042	3.904	8.086	10.918	15.057	13.174	16.636
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
21	MEAN	31.9	37.0	45.2	52.1	61.4	66.0	68.5	67.6	62.0	53.6	43.4	33.8	51.9
	S. D.	12.703	11.203	11.801	11.790	7.158	5.006	3.480	3.490	7.508	10.891	14.082	12.625	16.164
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	31.0	36.4	44.8	51.1	60.7	66.0	68.5	67.8	62.5	53.5	43.3	33.4	51.7
	S. D.	13.034	11.704	12.173	11.348	7.642	5.252	3.508	3.616	8.035	10.710	14.734	12.806	16.624
	TOTAL OBS	1240	1128	1240	1200	1240	1200	1239	1240	1200	1240	1200	1240	14607

RELATIVE HUMIDITY

93901 DALLAS, TEXAS

73-77

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00	100.0	100.0	100.0	96.1	85.2	72.3	54.8	34.8	12.9	71.4	155
	03	100.0	100.0	100.0	97.4	89.7	78.1	61.9	43.9	16.8	74.4	155
	06	100.0	100.0	100.0	97.4	91.0	80.6	61.9	47.7	24.5	76.4	155
	09	100.0	100.0	100.0	98.1	89.0	74.8	61.3	47.1	25.8	75.3	155
	12	100.0	100.0	90.3	76.1	52.9	38.7	29.0	20.0	7.1	57.8	155
	15	100.0	96.1	79.4	56.8	43.9	33.5	21.9	16.8	5.8	50.5	155
	18	100.0	98.1	87.1	72.3	60.0	42.6	27.7	19.4	7.7	57.7	155
	21	100.0	100.0	100.0	90.3	78.7	62.6	44.5	30.3	8.4	66.7	155
TOTALS		100.0	99.3	94.6	85.6	73.8	60.4	45.4	32.5	13.6	66.3	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

93901 DALLAS, TEXAS

73-77

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00	100.0	100.0	98.6	95.7	82.3	63.1	39.0	21.3	9.9	66.9	141
	03	100.0	100.0	99.3	97.2	91.5	78.0	58.2	35.5	14.2	73.0	141
	06	100.0	100.0	99.3	96.5	90.1	80.1	66.7	43.3	17.0	75.6	141
	09	100.0	100.0	97.9	93.6	83.7	67.4	53.2	27.7	17.7	70.0	141
	12	100.0	96.5	87.2	68.1	49.6	30.5	16.3	12.8	7.1	52.5	141
	15	100.0	91.5	73.8	51.8	31.2	19.9	13.5	9.2	4.3	44.9	141
	18	100.0	92.2	81.6	67.4	46.1	24.1	14.9	7.1	4.3	49.0	141
	21	100.0	100.0	94.3	85.8	74.5	46.8	28.4	16.3	4.3	60.4	141
TOTALS		100.0	97.5	91.5	82.0	68.6	51.2	36.3	21.7	9.9	61.5	1128

5706 RELATIVE HUMIDITY JAN 68

106E6

DALLAS, TEXAS

73-77

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00	100.0	99.4	97.4	92.9	80.0	69.0	51.0	28.4	9.7	68.5	155
	03	100.0	99.4	98.1	96.1	87.7	74.2	65.2	41.3	14.2	73.4	155
	06	100.0	100.0	99.4	98.1	92.9	84.5	69.0	51.6	17.4	77.3	155
	09	100.0	100.0	98.7	94.2	81.3	66.5	54.2	31.0	11.6	69.4	155
	12	99.4	97.4	81.9	70.3	57.4	38.1	27.1	14.2	5.8	54.8	155
	15	100.0	94.2	76.8	61.3	41.3	27.7	16.8	9.0	3.9	48.7	155
	18	100.0	93.5	81.9	63.9	52.9	33.5	20.6	12.3	3.9	51.8	155
	21	100.0	99.4	95.5	85.2	73.5	56.1	35.5	18.7	6.5	62.9	155
TOTALS		99.9	97.9	91.2	82.8	70.9	56.2	42.4	25.8	9.1	63.4	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

MAY

73-77

93901 DALLAS, TEXAS

MONTH

PERIOD

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00	100.0	100.0	100.0	100.0	98.1	90.3	61.9	28.4	1.9	73.3	155
	03	100.0	100.0	100.0	100.0	99.4	95.5	80.0	36.8	1.9	77.1	155
	06	100.0	100.0	100.0	100.0	100.0	97.4	89.0	58.7	9.0	81.2	155
	09	100.0	100.0	100.0	97.4	88.4	70.3	39.4	11.6	1.3	66.6	155
	12	100.0	100.0	96.8	86.5	66.5	32.3	12.9	3.9	.6	55.4	155
	15	100.0	100.0	94.8	78.7	41.9	22.6	13.5	5.2	1.3	51.1	155
	18	100.0	99.4	94.8	83.2	58.7	30.3	12.3	4.5	2.6	53.9	155
	21	100.0	100.0	100.0	95.7	94.2	70.3	35.5	14.2		67.0	155
TOTALS		100.0	99.9	98.3	93.1	80.9	63.6	43.1	20.4	2.3	65.7	1240

73-77

STATION NAME

PERIOD

237

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00	100.0	100.0	100.0	100.0	98.7	83.3	47.3	19.3	3.3	70.5	150
	03	100.0	100.0	100.0	100.0	100.0	94.0	76.7	37.3	3.3	76.8	150
	06	100.0	100.0	100.0	100.0	100.0	98.7	92.0	55.3	10.0	81.1	150
	09	100.0	100.0	100.0	98.7	92.0	67.3	24.0	6.0	1.3	64.4	150
	12	100.0	100.0	99.3	85.3	54.7	23.3	6.7	2.7	.7	52.7	150
	15	100.0	100.0	96.0	70.0	34.7	12.0	4.7	2.7	.7	47.9	150
	18	100.0	100.0	95.3	79.3	42.0	20.7	7.3	2.0		50.9	150
	21	100.0	100.0	100.0	99.3	88.0	57.3	26.0	9.3	.7	63.4	150
TOTALS		100.0	100.0	98.8	91.6	76.3	57.1	35.6	16.8	2.5	63.5	1200

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

93901

DALLAS, TEXAS

STATION

STATION NAME

PERIOD

73-77

JUL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00	100.0	100.0	100.0	100.0	92.9	75.3	37.0	17.5	2.6	68.5	154
	03	100.0	100.0	100.0	100.0	98.7	91.0	69.0	26.5	3.2	74.3	155
	06	100.0	100.0	100.0	100.0	100.0	97.4	85.8	51.0	5.2	79.2	155
	09	100.0	100.0	100.0	98.1	88.1	62.6	25.8	7.7	.6	63.7	155
	12	100.0	100.0	96.8	76.1	45.2	15.5	4.5	2.6	.6	49.5	155
	15	100.0	100.0	87.7	60.6	31.0	12.3	8.4	2.6	1.9	45.9	155
	18	100.0	100.0	92.9	69.0	35.5	20.6	14.8	8.4	.6	50.0	155
	21	100.0	100.0	100.0	98.1	76.1	52.9	23.9	12.3	1.9	62.2	155
TOTALS		100.0	100.0	97.2	87.7	71.0	53.5	33.7	16.1	2.1	61.7	1239

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

93901 DALLAS, TEXAS 73-77 AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00	100.0	100.0	100.0	100.0	98.1	73.5	35.5	9.7	2.6	67.3	155
	03	100.0	100.0	100.0	100.0	100.0	94.8	67.1	16.1	.6	73.2	155
	06	100.0	100.0	100.0	100.0	100.0	98.7	91.6	36.8	3.2	78.9	155
	09	100.0	100.0	100.0	100.0	98.7	71.6	23.2	6.5	2.6	65.5	155
	12	100.0	100.0	100.0	87.7	44.5	14.8	5.8	2.6	1.3	51.3	155
	15	100.0	100.0	96.8	62.6	18.1	11.0	4.5	1.9	1.3	45.0	155
	18	100.0	100.0	98.7	72.3	32.9	18.1	6.5	1.9	.6	48.8	155
	21	100.0	100.0	100.0	100.0	85.8	47.1	14.8	3.9		60.7	155
TOTALS		100.0	100.0	99.4	90.3	72.3	53.7	31.1	9.9	1.5	61.3	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

STATION 93901 DALLAS, TEXAS PERIOD 73-77 MONTH SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00	100.0	100.0	100.0	99.3	96.7	74.7	54.7	30.0	8.7	72.5	150
	03	100.0	100.0	100.0	100.0	98.7	90.7	70.0	43.3	16.0	77.9	150
	06	100.0	100.0	100.0	100.0	100.0	96.7	80.7	50.7	26.7	81.3	150
	09	100.0	100.0	100.0	98.7	95.3	78.7	46.0	24.0	8.0	70.5	150
	12	100.0	100.0	98.0	86.0	61.3	34.0	18.7	10.7	2.7	56.7	150
	15	100.0	100.0	93.3	70.0	43.3	25.3	14.7	6.7	2.0	51.1	150
	18	100.0	100.0	98.0	82.0	56.0	36.7	18.7	10.7	6.0	56.1	150
	21	100.0	100.0	100.0	98.7	83.3	60.7	33.3	20.0	6.0	66.2	150
TOTALS		100.0	100.0	98.7	91.8	79.3	62.2	42.1	24.5	9.5	66.5	1200

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

93901 DALLAS, TEXAS

73-77

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00	100.0	100.0	100.0	98.1	90.3	70.3	56.1	36.8	9.7	71.9	155
	03	100.0	100.0	100.0	99.4	94.8	86.5	60.6	43.2	20.0	76.7	155
	06	100.0	100.0	100.0	99.4	96.1	92.9	74.8	43.9	25.8	79.8	155
	09	100.0	100.0	100.0	97.4	90.3	67.7	44.5	24.5	10.3	69.5	155
	12	100.0	99.4	90.3	76.1	50.3	32.3	17.4	9.7	5.2	53.9	155
	15	100.0	96.8	83.2	57.4	39.4	23.2	13.5	7.7	1.9	48.2	155
	18	100.0	99.4	92.3	81.3	55.5	38.1	21.9	9.0	2.6	55.8	155
	21	100.0	100.0	100.0	92.9	81.9	64.5	45.8	21.9	5.2	66.9	155
TOTALS		100.0	99.5	95.7	87.8	74.8	59.4	41.8	24.6	10.1	65.3	1240

2

MONTH

NAVWEASERVCOM

55

MONTH

TOTALS

RELATIVE HUMIDITY

93901

DALLAS, TEXAS

73-77

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.3	94.6	85.6	73.8	60.4	45.4	32.5	13.6	66.3	1240
FEB		100.0	97.5	91.5	82.0	68.6	51.2	36.3	21.7	9.9	61.5	1128
MAR		99.9	97.9	91.2	82.8	70.9	56.2	42.4	25.8	9.1	63.4	1240
APR		99.9	98.5	93.7	86.1	74.6	60.6	44.3	23.5	4.8	64.3	1200
MAY		100.0	99.9	98.3	93.1	80.9	63.6	43.1	20.4	2.3	65.7	1240
JUN		100.0	100.0	98.8	91.6	76.3	57.1	35.6	16.8	2.5	63.5	1200
JUL		100.0	100.0	97.2	87.7	71.0	53.5	33.7	16.1	2.1	61.7	1239
AUG		100.0	100.0	99.4	90.3	72.3	53.7	31.1	9.9	1.5	61.3	1240
SEP		100.0	100.0	98.7	91.8	79.3	62.2	42.1	24.5	9.5	66.5	1200
OCT		100.0	99.5	95.7	87.8	74.8	59.4	41.8	24.6	10.1	65.3	1240
NOV		100.0	98.9	93.7	84.3	73.6	61.1	48.2	29.8	13.8	66.3	1200
DEC		100.0	97.2	89.9	80.9	68.2	54.0	38.2	21.1	8.8	61.6	1240
TOTALS		100.0	99.1	95.2	87.0	73.7	57.8	40.2	22.2	7.3	64.0	14607

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977
YEARS

JANUARY

ALL

HOURS (LST.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76	8.3	2.9			71.4	28.6			8.3	7	.6
67 TO 71					75.0	8.3			5.7	12	1.0
62 TO 66	6.3	1.6	1.6	5.7	68.6	8.6	8.6		5.7	35	2.8
57 TO 61	6.9	3.3		7.8	46.9	17.2	6.3	3.1	9.4	64	5.2
52 TO 56	13.3	5.8	3.3	10.0	48.9	16.7	6.7	2.2	3.3	90	7.3
47 TO 51	19.0	8.5	2.1	4.2	40.8	11.7	2.5	10.8	7.5	120	9.7
42 TO 46	21.7	6.6	5.1	8.5	22.5	9.2	8.5	14.1	7.7	142	11.5
37 TO 41	18.0	8.8	9.3	8.6	25.3	7.1	6.1	7.6	12.1	198	16.0
32 TO 36	25.0	11.7	3.1	6.7	13.9	9.8	6.7	11.9	14.9	194	15.6
27 TO 31	33.9	11.3	7.3	2.3	10.2	10.9	.8	14.1	21.9	128	10.3
22 TO 26	51.5	5.9	1.5	3.2	8.1	6.5	2.4	13.7	13.7	124	10.0
17 TO 21	61.0	7.3	2.4		8.8	5.9	1.5	20.6	4.4	68	5.5
12 TO 16	13.3				2.4	4.9		9.8	12.2	41	3.3
7 TO 11						26.7		60.0	100.0	15	1.2
2 TO 6					100.0					1	.1
-3 TO 1										1	.1
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	21.8	7.3	4.1	5.6	24.3	10.0	4.7	11.0	11.2	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977
YEARS

FEBRUARY
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.6	4.3	4.0	5.7	31.8	11.5	6.5	13.5	7.1	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION
93901

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

MONTH

MARCH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91					100.0					2	.2
82 TO 86	12.5				100.0					3	.2
77 TO 81	3.1			7.7	70.8	7.7	12.5	6.3		16	1.3
72 TO 76	6.6		3.8	10.4	59.4	11.3	9.2	1.5		65	5.2
67 TO 71	6.3	1.3	5.7	17.7	48.7	7.0	3.8	4.7		106	8.5
62 TO 66	6.5	4.3	9.2	17.3	41.6	7.0	6.3	5.1	1.9	159	12.7
57 TO 61	15.1	6.3	12.5	15.6	26.6	4.7	5.9	5.9	2.2	185	14.9
52 TO 56	15.5	8.8	8.3	14.0	21.8	6.3	8.3	5.7	5.2	192	15.5
47 TO 51	19.1	11.8	11.0	11.8	11.0	8.1	7.8	9.8	5.7	193	15.6
42 TO 46	33.0	16.0	12.8	2.1	7.4	5.3	8.1	12.5	6.6	136	11.0
37 TO 41	32.3	11.3	9.7	3.2	11.3	9.7	1.6	8.5	9.6	94	7.6
32 TO 36	55.0	5.0				10.0		11.3	9.7	62	5.0
27 TO 31	37.5	25.0					12.5	25.0	5.0	20	1.6
22 TO 26								25.0		8	.6
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	14.8	6.5	3.3	12.3	32.3	7.3	6.6	7.7	4.3	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

APRIL

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	4.3			6.3	60.0	20.0	15.6	20.0		32	2.7
72 TO 76	7.0	1.5	2.5	22.2	47.0	11.1	5.1	6.0	3.4	117	9.8
67 TO 71	6.5	3.2	6.5	24.0	53.5	6.0	2.0	1.5	2.0	200	16.7
62 TO 66	12.0	5.7	13.9	18.4	47.0	3.7	4.1	6.5	4.1	217	18.1
57 TO 61	16.0	9.2	7.5	22.0	26.8	4.8		8.6	6.2	209	17.4
52 TO 56	16.5	5.0	14.9	11.0	20.2	11.0	3.5	9.2	11.6	173	14.4
47 TO 51	17.9		10.3	10.7	15.7	6.6	4.1	14.0	12.4	121	10.1
42 TO 46	16.7	3.3		3.8	6.4	15.4	9.0	21.8	15.4	78	6.5
37 TO 41	8.3			13.3	10.0	10.0	3.3	40.0	3.3	30	2.5
32 TO 36	20.0					6.3	8.3	66.7	8.3	12	1.0
27 TO 31							40.0	40.0		5	.4
22 TO 26								100.0		1	.1
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.7	3.8	7.3	16.8	33.8	7.5	3.8	9.8	6.6	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93901

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

MAY

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96				7.7	92.3					13	1.0
87 TO 91	2.4	2.4	2.4	18.8	65.9	4.7	2.4	1.2		85	6.9
82 TO 86	3.2	5.1	7.0	22.3	52.2	1.3	4.5	1.9	2.5	157	12.7
77 TO 81	6.2	6.2	5.4	20.6	48.6	3.1	3.1	2.7	3.9	259	20.9
72 TO 76	9.1	6.3	9.5	14.2	47.5	5.1	1.6	2.8	3.6	253	20.4
67 TO 71	12.3	10.5	7.3	11.8	30.5	6.8	3.2	6.8	10.9	220	17.7
62 TO 66	17.4	5.6	7.6	10.4	16.7	11.1	4.2	12.5	14.6	144	11.6
57 TO 61	28.4	9.5	4.1		9.5	8.1	1.4	17.6	21.6	74	6.0
52 TO 56	37.5				8.3	20.8	8.3	12.5	12.5	24	1.9
47 TO 51	10.0				20.0	30.0		10.0	30.0	10	.8
42 TO 46									100.0	1	.1
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	10.4	6.5	6.5	14.8	40.2	5.8	3.0	5.5	7.3	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION NAME DALLAS, TEXAS STATION 93901 MONTH JUNE ALL
 YEARS JAN 1973 - DEC 1977 HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	15.4		7.7	7.7	53.8		15.4			13	1.1
92 TO 96	1.1	2.2	3.3	3.3	78.3	9.8	3.3	2.2		92	7.7
87 TO 91	3.3	2.8	8.8	6.6	66.3	6.1	1.1	2.2	2.8	181	15.1
82 TO 86	4.6	7.3	10.0	14.6	53.5	6.9	.4	.4	2.3	260	21.7
77 TO 81	5.2	5.2	10.1	16.3	48.5	7.1	1.1	1.5	3.0	268	22.3
72 TO 76	6.0	6.9	12.9	21.1	33.6	9.1	1.3	1.3	7.8	232	19.3
67 TO 71	11.3	7.0	14.8	13.0	20.0	7.8	2.6	5.2	18.3	113	9.6
62 TO 66	11.4	5.7	2.9	8.6	11.4	14.3	8.6	5.7	31.4	33	2.9
57 TO 61	25.0					50.0			25.0	4	.3
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	5.6	5.5	9.0	14.2	47.6	7.8	1.7	1.8	5.8	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

JULY

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111			50.0								
102 TO 106			23.5	29.4	17.6	5.9	5.9		50.0	2	.2
97 TO 101	6.2	3.1	13.8	18.5	40.0	10.8		1.5	17.6	17	1.4
92 TO 96	2.2	3.9	7.7	13.8	55.2	8.3	3.9	2.8	6.2	65	5.2
87 TO 91	3.7	4.6	9.2	19.8	40.6	10.1	6.0	1.8	2.2	181	14.6
82 TO 86	2.8	2.4	7.7	15.8	52.6	11.7	.8	1.2	4.1	217	17.5
77 TO 81	3.6	2.2	9.7	8.2	44.4	16.8	.7	1.4	4.9	247	19.9
72 TO 76	3.7	3.2	7.8	15.1	24.7	22.4	2.3	2.3	12.9	279	22.5
67 TO 71	8.3					58.3			18.7	219	17.7
62 TO 66									25.0	12	1.0
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	3.6	3.1	9.0	14.5	42.4	14.3	2.4	1.8	9.1	1239	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

AUGUST

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101			8.3	27.8	55.6		5.6		2.8	36	2.9
92 TO 96	1.0	4.1	7.3	25.9	49.7	6.7		.5	4.7	193	15.6
87 TO 91	3.5	7.0	15.6	28.6	33.7	4.0	2.0	.5	5.0	199	16.0
82 TO 86	2.2	3.4	11.9	23.5	41.4	9.7	2.2	1.5	4.1	268	21.6
77 TO 81	4.2	3.9	9.1	18.6	41.7	10.4	2.3	1.0	8.8	307	24.8
72 TO 76	4.4	3.9	12.7	16.6	32.2	16.1	.5	.5	13.2	205	16.5
67 TO 71	6.9	10.3	20.7	10.3	6.9	13.8		10.3	20.7	29	2.3
62 TO 66	33.3		33.3						33.3	3	.2
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	3.2	4.4	11.4	22.1	39.5	9.4	1.6	1.0	7.4	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

SEPTEMBER

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101			9.1	9.1	45.5	18.2			18.2	11	.9
92 TO 96		7.5	5.7	17.0	41.5	13.2	1.9	3.8	9.4	53	4.4
87 TO 91	5.9	6.9	7.8	24.5	41.2	4.9	1.0	2.9	4.9	102	8.5
82 TO 86	7.5	6.9	11.0	16.2	40.5	9.2	.6	1.7	6.4	173	14.4
77 TO 81	6.6	11.4	10.5	19.7	35.4	4.8	.4	2.2	9.2	229	19.1
72 TO 76	17.5	9.3	9.0	15.7	26.9	5.2	1.1	3.4	11.9	268	22.3
67 TO 71	22.8	12.7	8.2	8.2	13.9		2.5	3.8	13.3	158	13.2
62 TO 66	31.3	12.1	11.1	5.1	8.1	3.0	2.0	12.1	15.2	99	8.3
57 TO 61	45.6	11.8	2.9	2.9	4.4	1.5	8.8	7.4	14.7	68	5.7
52 TO 56	20.0	16.7	6.7		6.7			10.0	40.0	30	2.5
47 TO 51	22.2	11.1			11.1				55.6	9	.8
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.6	11.3	9.5	14.2	27.3	4.9	1.6	4.0	11.6	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

WIND DIRECTION

JAN 1973 - DEC 1977

YEARS

MONTH

OCTOBER

ALL
HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	5.6	3.6	4.8	22.2	66.7	33.3	100.0			1	.1
82 TO 86	1.2	3.6	4.8	10.8	55.6	5.6			11.1	3	.2
77 TO 81	5.5	7.7	6.8	27.4	43.8	6.8	3.6	1.2	2.4	83	6.7
72 TO 76	8.0	5.7	4.0	16.7	52.3	4.6	1.1	2.3	5.5	146	11.8
67 TO 71	10.3	7.7	6.9	14.2	35.2	11.2	1.7	3.0	5.2	174	14.0
62 TO 66	15.1	4.2	8.4	13.0	25.3	7.5	1.7	5.4	9.9	233	18.8
57 TO 61	25.0	5.6	9.7	8.9	9.7	8.1	4.0	12.9	18.8	239	19.3
52 TO 56	23.3	7.8	2.9	8.7	4.9	14.6	5.8	7.8	16.1	124	10.0
47 TO 51	29.4	10.3	7.4	4.4	2.9	5.9	4.4	5.9	24.3	103	8.3
42 TO 46	23.7	10.5	10.5		2.6	18.4	10.5	2.6	29.4	68	5.5
37 TO 41	10.0					30.0		20.0	21.1	38	3.1
32 TO 36									40.0	10	.8
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13.6	5.5	6.5	13.6	31.0	3.8	3.0	4.5	13.4	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

93901

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

NOVEMBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81				6.1	28.6	57.1	14.3	6.1	3.0	7	.6
72 TO 76	7.8			10.0	60.6	21.2	3.0	6.1	3.0	33	2.8
67 TO 71	5.7	4.1		15.4	65.6	7.8	4.4	3.3	1.1	90	7.5
62 TO 66	11.1	4.6	4.1	15.4	53.7	6.5	.8	7.3	2.4	123	10.3
57 TO 61	13.7	5.1	2.9	12.4	41.2	9.8	5.2	6.5	5.2	153	12.8
52 TO 56	17.5	7.5	9.0	9.7	32.0	12.6	7.4	9.1	7.4	175	14.6
47 TO 51	26.3	7.8	6.7	15.5	16.5	7.5	4.5	15.0	7.0	200	16.7
42 TO 46	29.0	6.5	1.1	5.6	16.8	9.5	3.9	13.4	10.1	179	14.9
37 TO 41	32.8	1.5		2.2	7.5	10.8	3.2	21.5	18.3	93	7.8
32 TO 36	32.7	7.7	3.8	3.0	1.5	14.9	4.5	22.4	19.4	67	5.6
27 TO 31	31.6			1.9	1.9	13.5	5.8	15.4	17.3	52	4.3
22 TO 26	28.6					31.6		26.3	10.5	19	1.6
17 TO 21						14.3		42.9	14.3	7	.6
12 TO 16						100.0				1	.1
7 TO 11						100.0				1	.1
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	17.6	5.1	4.1	9.3	28.2	10.9	4.4	12.1	8.3	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

DECEMBER

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	17.3	3.6	4.0	7.8	26.4	11.9	7.3	10.9	10.8	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93901
STATION

DALLAS, TEXAS

STATION NAME

JAN 1973 - DEC 1977

YEARS

ALL

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+									50.0	2	.0
117 TO 121									17.6	17	.1
112 TO 116									5.6	126	.9
107 TO 111									3.4	537	3.7
102 TO 106	4.3	1.6	23.5	29.4	17.6	5.9	5.9		17.6	17	.1
97 TO 101	1.3	3.9	11.1	19.0	46.0	7.1	4.0	.8	5.6	126	.9
92 TO 96	3.7	4.7	5.8	16.4	57.0	8.4	2.0	1.9	3.4	537	3.7
87 TO 91	3.7	4.7	9.5	19.4	48.0	6.4	2.8	1.7	3.8	811	5.6
82 TO 86	4.8	4.6	8.9	17.2	49.6	6.6	2.3	1.4	3.7	1247	8.5
77 TO 81	7.9	4.3	7.6	17.3	45.5	9.5	2.4	2.0	6.7	1739	11.9
72 TO 76	9.4	4.6	7.5	15.9	41.8	10.3	2.0	2.2	7.9	1633	12.5
67 TO 71	12.3	7.3	7.3	12.8	38.0	7.9	3.8	5.3	8.2	1426	9.8
62 TO 66	17.2	6.5	7.6	12.8	33.3	8.1	4.2	7.0	9.7	1338	9.2
57 TO 61	15.9	6.3	5.9	9.8	27.4	8.9	6.5	7.9	9.7	1133	7.8
52 TO 56	18.9	6.4	7.3	7.3	24.7	10.1	5.1	11.5	10.1	1087	7.4
47 TO 51	23.6	6.6	5.8	9.2	15.2	8.5	7.2	14.4	11.8	977	6.7
42 TO 46	22.7	6.7	6.8	4.9	12.3	10.4	6.1	14.1	11.6	850	5.8
37 TO 41	32.3	8.1	1.5	2.3	6.4	13.5	3.3	15.8	16.8	656	4.5
32 TO 36	33.9	7.0	3.5	1.6	7.8	12.8	3.9	17.1	12.5	393	2.7
27 TO 31	47.7	5.5	.9		6.4	10.1	.9	22.9	5.5	257	1.8
22 TO 26	56.3	6.3	2.1		2.1	10.4		8.3	14.6	109	.7
17 TO 21	26.3					26.3		47.4		48	.3
12 TO 16									100.0	19	.1
7 TO 11										1	.0
2 TO 6										1	.0
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.4	5.6	7.1	12.6	33.8	9.2	3.9	6.9	8.6	14607	100.0

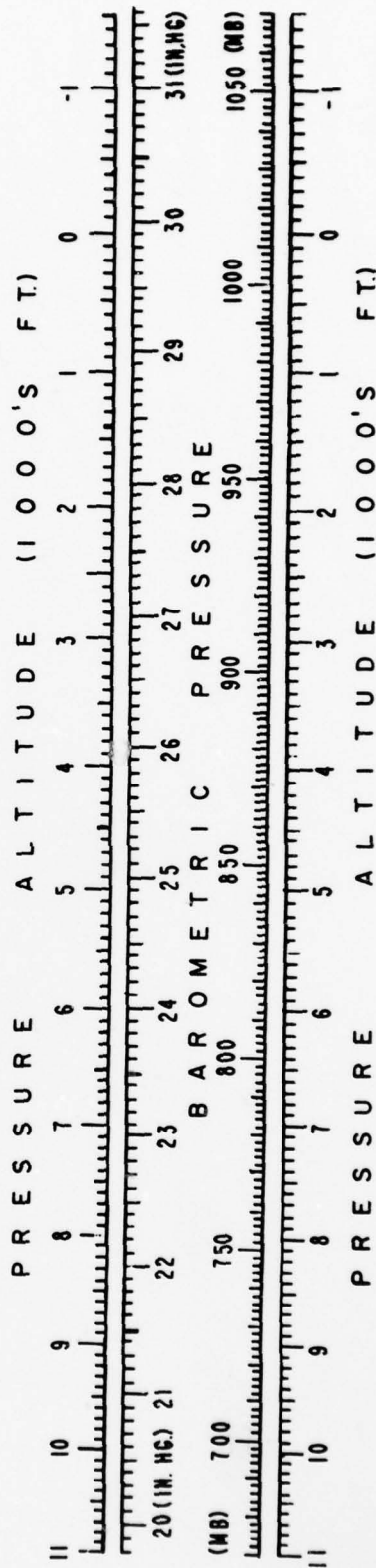
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93901 DALLAS, TEXAS

73-77

STATION

STATION NAME

YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN	29.6392	29.5802	29.4372	29.4822	29.4082	29.4372	29.4992	29.5012	29.4932	29.5792	29.5922	29.521
	S. D.	.227	.217	.193	.185	.150	.117	.073	.066	.123	.156	.202	.183
	TOTAL OBS	155	141	155	150	155	149	154	155	150	155	150	1824
03	MEAN	29.6332	29.5712	29.4252	29.4712	29.3962	29.4302	29.4952	29.4992	29.4872	29.5752	29.5872	29.513
	S. D.	.232	.218	.195	.187	.151	.119	.074	.066	.124	.154	.202	.185
	TOTAL OBS	155	141	155	150	155	149	155	155	150	155	150	1825
06	MEAN	29.6332	29.5842	29.4412	29.4912	29.4172	29.4572	29.5182	29.5202	29.5062	29.5962	29.5972	29.529
	S. D.	.236	.215	.200	.188	.153	.118	.076	.068	.124	.154	.205	.185
	TOTAL OBS	155	141	155	150	155	149	155	155	150	155	150	1825
09	MEAN	29.6762	29.6262	29.4792	29.5252	29.4492	29.4862	29.5472	29.5502	29.5392	29.6352	29.6372	29.565
	S. D.	.237	.221	.205	.188	.153	.118	.077	.068	.126	.155	.209	.188
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
12	MEAN	29.6682	29.6202	29.4642	29.5132	29.4342	29.4692	29.5312	29.5332	29.5212	29.6122	29.6152	29.549
	S. D.	.234	.224	.201	.186	.153	.118	.076	.069	.127	.157	.214	.188
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
15	MEAN	29.5962	29.5442	29.3962	29.4582	29.3842	29.4172	29.4802	29.4722	29.4602	29.5452	29.5512	29.487
	S. D.	.232	.221	.195	.182	.152	.119	.076	.067	.130	.156	.213	.184
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
18	MEAN	29.6012	29.5392	29.3822	29.4322	29.3562	29.3842	29.4512	29.4452	29.4422	29.5412	29.5572	29.474
	S. D.	.229	.220	.193	.182	.148	.120	.074	.066	.128	.156	.207	.186
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
21	MEAN	29.6262	29.5692	29.4202	29.4682	29.3862	29.4132	29.4772	29.4822	29.4852	29.5742	29.5882	29.506
	S. D.	.231	.215	.192	.180	.147	.123	.073	.067	.127	.158	.205	.185
	TOTAL OBS	155	141	155	150	155	149	155	155	150	155	150	1825
ALL HOURS	MEAN	29.6342	29.5792	29.4302	29.4802	29.4042	29.4372	29.5002	29.5002	29.4932	29.5822	29.5902	29.518
	S. D.	.233	.220	.198	.187	.153	.123	.080	.074	.129	.158	.208	.188
	TOTAL OBS	1240	1128	1240	1200	1240	1196	1239	1240	1200	1240	1200	1240

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

73-77

DALLAS, TEXAS

93901

STATION

STATION NAME

YEARS

HRS (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	1021.1 6.008 155	1018.9 7.636 141	1013.8 6.765 155	1015.2 6.392 150	1012.5 5.241 155	1013.4 4.045 149	1015.5 2.550 154	1015.5 2.267 155	1015.4 4.336 150	1018.5 5.498 155	1019.2 7.127 150	1019.7 7.447 155	1016.5 6.471 1824
03	1020.8 8.187 155	1018.6 7.701 141	1013.3 6.828 155	1014.8 6.524 150	1012.1 5.259 155	1013.1 4.153 149	1015.3 2.554 155	1015.3 2.272 155	1015.2 4.350 150	1018.4 5.409 155	1019.0 7.130 150	1019.4 7.605 155	1016.3 6.545 1825
06	1020.9 8.301 155	1019.0 7.573 141	1013.9 7.018 155	1015.6 6.581 150	1012.8 5.319 155	1014.1 4.083 149	1016.1 2.660 155	1016.2 2.359 155	1015.9 4.362 150	1019.2 5.439 155	1019.4 7.244 150	1019.4 7.842 155	1016.9 6.526 1825
09	1022.4 8.350 155	1020.5 7.756 141	1015.2 7.165 155	1016.7 6.576 150	1013.9 5.325 155	1015.0 4.241 150	1017.1 2.661 155	1017.3 2.360 155	1017.0 4.438 150	1020.5 5.461 155	1020.8 7.353 150	1020.8 7.990 155	1018.1 6.653 1826
12	1022.1 8.250 155	1020.2 7.846 141	1014.7 7.030 155	1016.3 6.533 150	1013.4 5.334 155	1014.5 4.120 150	1016.6 2.624 155	1016.6 2.392 155	1016.4 4.426 150	1019.7 5.503 155	1020.0 7.531 150	1020.1 8.091 155	1017.5 6.657 1826
15	1019.6 8.174 155	1017.6 7.764 141	1012.3 6.826 155	1014.4 6.342 150	1011.6 5.271 155	1012.7 4.140 150	1014.8 2.632 155	1014.5 2.309 155	1014.2 4.545 150	1017.4 5.461 155	1017.8 7.507 150	1017.8 7.923 155	1015.4 6.512 1826
18	1019.8 8.055 155	1017.5 7.720 141	1011.9 6.743 155	1013.5 6.331 150	1010.7 5.189 155	1011.6 4.146 150	1013.8 2.569 155	1013.7 2.283 155	1013.9 4.487 150	1017.3 5.453 155	1018.1 7.300 150	1018.2 7.484 155	1015.0 6.596 1826
21	1020.7 8.150 155	1018.5 7.574 141	1013.2 6.702 155	1014.8 6.274 150	1011.7 5.155 155	1012.6 4.250 149	1014.7 2.538 155	1014.9 2.292 155	1015.1 4.488 150	1018.4 5.524 155	1019.1 7.257 150	1019.3 7.349 155	1016.1 6.554 1825
ALL HOURS	1020.9 8.214 1240	1018.9 7.741 1128	1013.6 6.946 1240	1015.2 6.498 1200	1012.3 5.336 1240	1013.4 4.271 1196	1015.5 2.784 1239	1015.5 2.560 1240	1015.4 4.521 1200	1018.7 5.548 1240	1019.2 7.343 1200	1019.3 7.749 1240	1016.5 6.634 14603